

**BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI**

Appeal No. 263/2018
(M.A. No. 1772/2018, I.A. No. 14/2019, I.A. No. 15/2019, I.A. No. 16/2019, I.A. No. 17/2019, I.A. No. 68/2019, I.A. No. 125/2019, I.A. No. 258/2019 & I.A. No. 259/2019)

WITH

Appeal No. 264/2018
(M.A. No. 1773/2018, I.A. No. 67/2019, I.A. No. 126/2019, I.A. No. 260/2019 & I.A. No. 261/2019)

Amit Upadhaya

Applicant(s)

Versus

State Level Environmental Impact
Assessment Authority & Ors.

Respondent(s)

(Report filed in Appeals No. 263/2018 & 264/2018)

Date of hearing: 02.08.2019

CORAM: HON'BLE MR. JUSTICE ADARSH KUMAR GOEL, CHAIRPERSON
HON'BLE MR. JUSTICE S.P. WANGDI, JUDICIAL MEMBER
HON'BLE MR. JUSTICE K. RAMAKRISHNAN, JUDICIAL MEMBER
HON'BLE DR. NAGIN NANDA, EXPERT MEMBER

For Applicant(s):

Mr. Vanshdeep Dalmia, Mr. Suchakshu Jain,
Advocates

For Respondent (s):

Mr. Amit Tiwari, Advocate for SEIAA
Mr. Shlok Chandra and Ms. Roopali Wadhawan,
Advocates for MoEF&CC
Mr. Pradeep Mishra, Advocate for State of UP
Mr. Anil Grover with Mr. Rahul Khurana,
Advocates

ORDER

The Ministry of Environment, Forest and Climate Change
(MoEF&CC) has filed a report in pursuance of order of this Tribunal

dated 17.12.2018 (wrongly mentioned in the report as '17.02.2019') on the issue of the validity of the impugned Environmental Clearances granted by the State Level Environmental Impact Assessment Authority (SEIAA), UP.

The Central Pollution Control Board (CPCB) may upload the report on its website so that the concerned parties can access the same.

List for further consideration on 28.08.2019.

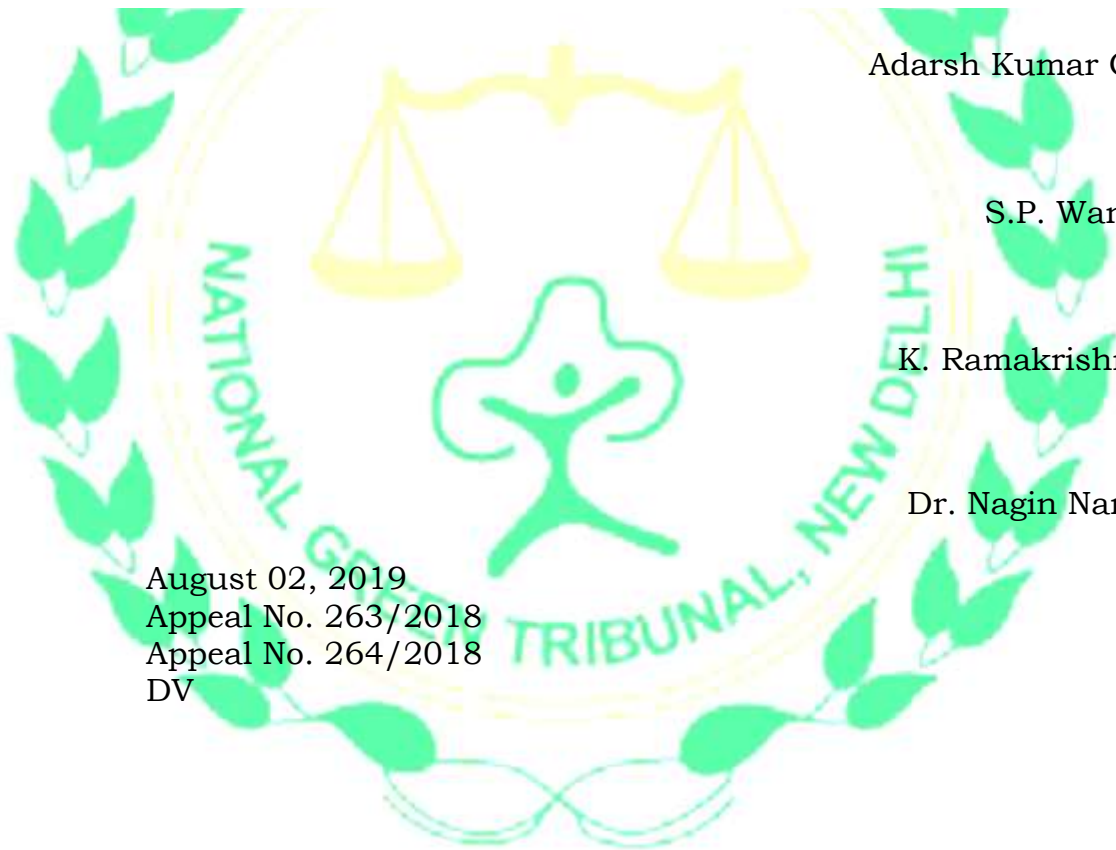
Adarsh Kumar Goel, CP

S.P. Wangdi, JM

K. Ramakrishnan, JM

Dr. Nagin Nanda, EM

August 02, 2019
Appeal No. 263/2018
Appeal No. 264/2018
DV



Compliance Report

On Order dt. 17.02.2019

of

**Hon'ble National Green Tribunal
(NGT)**

in the matter

O/A 263/2018 & 264/2018

Amit Upadhaya Vs SIEAA UP

Submitted by

Central Pollution Control Board

&

Ministry of Environment Forest & Climate Change

Chapter 1: Preamble

- a. The Hon'ble NGT, in its order dated 31.01.2019, in the I.A. No. 14/2019, I.A. No. 15/2019, I.A. No. 16/2019, I.A. No. 17/2019 & I.A. No. 68/2019 IN Appeal No. 263/2018 I.A. No. 67/2019 IN Appeal No. 264/2018 [Amit Upadhaya versus State Level Environmental Impact Assessment Authority & Ors.], has inter-alia, directed the following:
- b. *The issue for consideration is **whether Environmental Clearance (EC) granted for Category I and II mines only on the basis of the report of the Regional Environment Impact Assessment Authority (REIAA) without individual EIA is valid in law.***
- c. *On 17.12.2018, this Tribunal noted that **individual Environment Impact Assessment (EIA) reports were never considered and EC was granted based on rejected Regional EIAs.** Accordingly, this Tribunal directed that EC may not be proceeded with, pending further consideration.*
- d. *The Tribunal also **directed Ministry of Environment, Forests and Climate Change (MoEF&CC) to furnish a report about the legality of the procedure followed.** The MoEF&CC filed an application being I.A. No. 56 of 2019 on which the matter has been deferred to 08.04.2019.*
- e. *In the said application, it is stated that the MoEF&CC is waiting for the information from the State Level Environment Impact Assessment Authority (SEIAA), Uttar Pradesh and Directorate of Mining and Geology, Government of UP about the procedure followed which will require detailed examination by the MoEF&CC for which more time was required. The MoEF&CC also referred to order of this Tribunal dated 11.12.2018 in Execution Application No. 55 of 2018 in O.A. no. 520/2016,*

Vikrant Tongad V. Union of India, directing that notification dated 15.01.2016 may not be acted upon till a fresh procedure is laid down for EC.

- f. *The fact remains that question whether due procedure has been followed in the present case while granting EC i.e. whether individual EIAs report has been furnished as required, remains to be considered and for such consideration, report of MoEF&CC has to be seen.***
- g. *Being technical matter, we require assistance of MoEF&CC on the subject of validity of the EIAs. We further direct Central Pollution Control Board may also be involved in the Process by the MoEF&CC and report furnished to this Tribunal before the next date.***
- h. The projects covered in this report as per OA No 264 & 263 given in Table 1. The index number mentioned against individual project has been used in this report for referring individual projects.

Table 1: Project as per in O.A. No 264 & 263

Index No.	File No	Project Name	Proposal No.	LoI Area (ha)
1	4141	M/s Pehalwan Traders	SIA/UP/MIN/ 22490/2018	12.145
2	4192	M/s Kanha Construction Company	SIA/UP/MIN/ 23553/2018	12.145
3	4325	M/s Sai Constructions & Suppliers	SIA/UP/MIN/ 26243/2018	24.28
4	4155	M/s Balaji Enterprises	SIA/UP/MIN/ 22628/2018	12.145
5	4182	M/s Bindu And Ram Construction	SIA/UP/MIN/ 23344/2018	20.242
6	4140	M/s Indus Mines and Minerals	SIA/UP/MIN/ 22486/2018	17.408
7	4050	M/s Eureka Mines and Minerals Llp	SIA/UP/MIN/ 21868/2018	27.5
8	4358	M/s Vikas Enterprise	SIA/UP/MIN/ 27821/2018	36.437

Index No.	File No	Project Name	Proposal No.	LoI Area (ha)
9	4227	M/s Chaudhary Traders	SIA/UP/MIN/ 25126/2018	25.29
10	4233	M/s Gyan Infrabuild Pvt Ltd	SIA/UP/MIN/ 24938/2018	36.437
11	4061	M/s Kunwar Infradevelopers Pvt Ltd	SIA/UP/MIN/ 21879/2018	36.28
12	4322	M/s Senvin Infrastructure Pvt. Ltd.	SIA/UP/MIN/ 26229/2018	24.291
13	4103	M/s Saneywin Infrastructure Pvt. Ltd.	SIA/UP/MIN/ 21915/2018	27.53
14	4304	M/s Senvin Infrastructure Pvt. Ltd.	SIA/UP/MIN/ 26125/2018	36.437
15	4376	M/s Baba Bholenath Traders	SIA/UP/MIN/ 27993/2018	12.145
16	4156	M/s. D V Construction	SIA/UP/MIN/ 22632/2018	24.291
17	4070	M/s. Rama Traders	SIA/UP/MIN/ 21922/2018	30.769
18	4219	Smt. Kaushilya Chobey Contractor	SIA/UP/MIN/ 24388/2018	12.145
19	4234	M/s Silvrr Mist Retail Pvt. Ltd.	SIA/UP/MIN/ 25040/2018	36.437
20	4337	M/s Awasthi Traders	SIA/UP/MIN/ 27752/2018	12.145
21	4194	M/s Bharat Earth Movers	SIA/UP/MIN/ 23679/2018	24.28
22	4164	M/s. Rajesh Enterprises	SIA/UP/MIN/ 22706/2018	24.28
23	4160	M/s. Harihar Minerals LLP	SIA/UP/MIN/ 22656/2018	18.33
24	4100	M/s Silvrr Mist Retail Pvt. Ltd.	SIA/UP/MIN/ 22098/2018	36.437
25	4404-4510	M/s New Eoan Associates	SIA/UP/MIN/ 29418/2018	24.291
26	4384-4512	M/s Eureka Mines and Minerals LLP	SIA/UP/MIN/ 29419/2018	16.194
27	4406	M/s Harihar Minerals LLP	SIA/UP/MIN/ 29422/2018	12.145
28	4335	M/s Chaudhary Int Udyog	SIA/UP/MIN/ 29573/2018	13
29	4437	M/s Satyam Construction	SIA/UP/MIN/ 28562/2018	36.437
30	4439-4528	M/s Disha Enterprises	SIA/UP/MIN/ 28574/2018	36.437
31	4529	M/s Yadav And Sons	SIA/UP/MIN/ 28494/2018	12.145
32	4438-4533	M/s New Praveera Infrahight Pvt. Ltd.	SIA/UP/MIN/ 28568/2018	20.242

Index No.	File No	Project Name	Proposal No.	LoI Area (ha)
33	4446-4534	Shri Rahul Kumar Gupta	SIA/UP/MIN/28608/2018	36.437
34	4420-4531	M/s Kanhaiyalal And Sons	SIA/UP/MIN/28402/2018	29.554
35	4426-4532	M/s Kamalnath Enterprises Private Limited	SIA/UP/MIN/28470/2018	36.437
36	4433-4538	M/s Shri Construction	SIA/UP/MIN/28510/2018	36.437

Chapter 2: Scope of Report

- 2.1 EIA Notification, 2006 and amendment made therein, doesn't stipulates any provision or mandate to Ministry of Environment Forest & Climate Change (MoEF&CC) to evaluate or assess the work of State Environmental Impact Assessment Authority (SEIAA) or State Expert Appraisal Committee (SEAC). The assessment made in this report by MoEF&CC in association with Central Pollution Control Board (CPCB) is in compliance to the order of Hon'ble NGT as mentioned in Chapter 1.
- 2.2 The scope of this report is limited to assessment of legal validity of the procedures, processes and framework adopted by SEIAA-UP for grant of prior EC to the projects as mentioned in Table 1 of Chapter 1 of this report within the provisions of EIA Notification, 2006 and Notification dt 15.01.2016. This report doesn't assess or provide any comment on scientific/ technical quality or inferences, derived by SEIAA/SEAC, on the contents available in the documents received from SEIAA/SEAC.
- 2.3 Interpretation and application of certain provisions of the notification(s) was felt necessary in order to examine the legal validity of the procedures / process adopted by SEIAA for grant of EC. These includes:
- (a) Compliance to all steps as prescribed under EIA Notification, 2006, were followed (Viz: Screening, Scoping, Public hearing, Appraisal by Competent Authority)?**
 - (b) Screening status of the projects as per the Cluster certificate issued by DMG-UP**

- (c) Whether all projects were in possession of valid ToR?**
- (d) Whether projects were compliant to the conditions of ToR?**
- (e) Public Hearing before Issuance of ToR?**
- (f) Environmental Clearances granted were based on Regional EIA/EMPs or Individual EIA/EMP?**
- (g) Regional Environment Impact Assessment studies (REIA) / Environment Management Plan (EMP) is legally acceptable for grant of EC?**
- (h) Fresh Public consultation is required after additional details are sought by SEAC?**
- (i) EIA reports considered for appraisal were in compliance to the provision of the Notification, 2016.**
- (j) Specific deviations observed from stipulated procedure and provision of the Notification**

2.4 The inference from the content of available information / documents related to procedural requirements has only been examined and used for preparation of this report. The content of referred documents/reports has not been evaluated technically or scientifically for its qualification/acceptance, as it was not the scope defined in the Hon'ble NGT order nor could provide reliable inference due to subjectivity in terms of spatial and temporal interpretation and relevance.

2.5 The above inputs are limited to the projects which were granted EC by State Environmental Impact Assessment Authority, Uttar Pradesh and are subjected to OA No. 263/2018 and 264/2018.

Chapter 3: Methodology

- 3.1 Pursuant to the Order of Hon'ble NGT, MoEF&CC requested (State Environmental Impact Assessment Authority – SEIAA-UP) to provide all relevant documents for assessment. The documents were provided in hard copy as well as soft copy. Some information provided were in-complete viz., KML files, which was required to define the cluster status of each project. Information was also extracted from the PARIVESH portal to the extent the traceability was observed based on the information extended by SEIAA/SEAC and DMG. Information on the cluster formation was also called from Department of Mines & Geology, (DMG-UP).
- 3.2 The documents were examined for compliance to the stipulated procedure and provisions in the EIA Notification, 2006 and Notification dated 15.0.2016 and amendment made therein from time to time. The procedural consistency with the provisions of Office Memorandum (OM) issued by MoEF&CC for coherent operationalization of the provisions of the Notification were also assessed.
- 3.3 It was felt necessary to interact with the concern authority (SEIAA, SEAC and Department of Geology & Mines) to avoid any ambiguity in interpretation and understanding of circumstantial procedural and other specific considerations, including rationale adopted for deviation, if any. SEIAA/SEAC and DMG officials were requested to attend the EAC meeting for interaction and extending necessary help in interpretation of the available information and also to understand the process adopted, especially for acceptance and rejection of REIA.

3.4 Category of projects and their geographical variation reflects a complex situation, especially on applicability of provisions of EIA notifications 2016, its amendment and associated OM. Therefore, it was felt necessary to take expert views/opinion from Expert Appraisal Committee (EAC), constituted to deal with non-coal mining projects at Central Level (MoEF&CC). Initially, the complete projects and findings were shared and views were obtained, however, after two deliberations, the EAC felt that the matter is highly subjective and no specific interpretation will apply to each project. Therefore, the EAC opined that Ministry may examine each case on its individual merit and scope of assistance from EAC will be limited to applicability of technical and scientific interpretation of provisions of Notification.

3.5 MoEF&CC prepared its observation, based on the available information, on the following for deliberation during the interactive EAC meeting:

- The scientific and technical requirements and relevance of REIA, cluster EIA and Individual EIA in respect of projects under consideration. This was prepared to understand the acceptability of considered REIA /IEIA report for grant of EC, within the underlying objective of EIA notifications, and also their legal validity.
- The procedure followed for grant of EC vis-à-vis provision made in EIA Notification, 2006, including the provisions of Office memorandum issued by MoEF&CC from time to time
- The compliance of EIA report to the provision of EIA Notification (Appendix XI)

- 3.6 The EAC interacted with the officials of SEIAA/SEAC and DMG as an agenda item in their scheduled meeting dt. 20-21 February 2019, 25-26 March 2019, 23-24 April 2019 and 29-30 May 2019
- 3.7 The observations of EAC on interaction with SEAC/SEIAA during the meeting held on 20-21 February 2019, 25-26 March 2019, 23-24 April 2019 and 29-30 May 2019 were put on PARIVESH portal.
- 3.8 SEIAA-UP and DMG-UP responded on the minutes of the meeting (MoM) of EAC (**Annexure 3.8.1 and 3.8.2**). These were considered by MoEF&CC, and the factual observations were reported to EAC in subsequent meeting. Accordingly, final observations of EAC were prepared and the same has been considered in preparation of this report, in consultation with CPCB.
- 3.9 Relevant inputs provided by EAC have been incorporated in this report at appropriate section. The interim observations and final observations of EAC made during its meetings (1st, 2nd and 3rd) are annexed as **Annexure-3.9.1, Annexure-3.9.2, Annexure-3.9.3 and Annexure-3.9.4** to this report for reference.
- 3.11. CPCB officials were present in all the EAC meetings except the 2nd meeting. The draft report was prepared in due consultation with CPCB and final report content has concurrence of CPCB.
- 3.12. The communication made by MoEF&CC is annexed as **Annexure -3.12.1 & 3.12.2** to this report as reference.
- a) The Ministry vide letter No L-11011/6/2019-IA. II(M) dated 14.01.2019 requested Director of Mines & Geology, UP to

provide the certain information pertaining to cluster certificate issued by DMG, UP to examine the matter.
(Annexure-3.12.1)

- b) The Ministry vide letter No L-11011/6/2019-IA. II(M) dated 14.01.2019 requested Member Secretary, SEIAA, UP to provide certain information pertaining to application for ToR & EC, EDS raised, date of meeting etc. to examine the matter.
(Annexure-3.12.2)
- c) The Ministry also conducted a meeting under the Chairmanship of Joint Secretary, MoEF&CC to understand the issue on 15.01.2019.
- d) As the complete information was not submitted by DMG, UP and SEIAA UP the Ministry vide its email dated 4.02.2019 requested the concerned agencies to provide the complete details and also requested to attend the EAC meeting held on 20.02.2019 wherein matter is placed before EAC for appraisal
(Annexure-3.12.3).
- e) The Ministry also requested CPCB vide its email dated 12.02.2019, 23.03.2019 & 17.05.2019 to attend the EAC meeting so that appraisal can be held with the involvement of CPCB **(Annexure-3.12.4)**. The CPCB Member attended the EAC meeting held on 20.02.2019 & 29-30 May, 2019. The final report was concurred on 31.07.2019.
- f) The Ministry also vide its email dated 22.03.2019 requested SEIAA UP to provide certain information pertaining to procedure followed and KML for the study area but the same was not submitted by SEIAA UP. The Ministry vide email dated 17.05.2019 again requested the SEIAA, UP to provide the KML file but the same has not been provided.

Chapter 4.0 Notifications and Documents referred

4.1 MoEF&CC issued EIA Notifications, 2006 (including amendments) for grant of prior Environmental Clearance (EC) for various types of projects. Office Memorandum and other guidelines are issued from time to time to harmonize the process and to build consistency in appraisal procedures for grant of EC by all regulatory authority across India.

Therefore, it was necessary to identify the applicable set of essential stipulated requirements for screening the procedure and technical content considered while grant of EC. This was also necessary to maintain objectivity and to avoid inconsistency during evaluation of the legality and technical procedure adopted for grant of EC to the projects under consideration.

4.2 The relevant references (Notifications / Office Memorandum / websites considered for examination of procedure for its legal acceptance are:

- a. EIA Notifications, 2006 (**Annexure-4.1.1**)
- b. Notification S.O.141(E) dt.15.01.2016 (**Annexure-4.1.2**)
- d. Notification S.O.2269(E) dt. 01.07.2016 (**Copy as Annexure-4.1.3**)
- e. MoEF&CC OM no. J-11013/41/2006-IA-II (I) (Part) dt. 29 August, 2017 (**Annexure-4.1.4**)
- f. Notification S.O. 996(E) dt. 10.04.2015 (**Copy as Annexure 4.1.5**)
- g.** The minutes of the meeting of SEAC and SEIAA for grant of ToR and EC, including letter ToR and EC letter for each project has been annexed to this report as (Annexure Index 1 to 36).
- g.** www.seiaaup.in, www.parivesh.nic.in

4.2 Relevant provisions of EIA notification, 2016

A. EIA Notification 2006 stipulates four stages for grant of EC:

- Stage (1) - Screening (Only for Category 'B' projects & activities)
- Stage (2) - Scoping
- Stage (3) - Public Consultation
- Stage (4) - Appraisal

Note: The Ministry has issued Notification S.O. 141(E) dated 15.01.2016 wherein the Category B projects were further sub-divided into Category B1 (Individual), Category B1 (Cluster), Category B2 (Individual), and Category B2 (Cluster).

Relevant brief of each stage, used to examine adherence to the stipulated procedure are given below:

4.2.1 Stage (1) - Screening:

Screening is essential for categorization of the project as per the provision of EIA Notification, 2006 and amendment made therein (**Notification**). This helps in defining the scope and requirement for EIA study.

(a) The requirements of EIA study vary for Individual and Cluster Category Projects. The categorization of the proposal is required to be made as per APPENDIX – XI of Notification no. S.O.141 (E) dt. 15.01.2016. The relevant matters are as below in:

EC Proposal of Sand Mining and other Minor Mineral Mining on the basis of individual mine lease				
Area of Lease (Hectare)	Category of Project	Requirement of EIA / EMP	Requirement of Public Hearing	Authority to appraise/ grant EC
0 – 5ha	B2	Form –1M, PFR and Approved Mine Plan	No	DEAC/ DEIAA
> 5 ha and < 25 ha	B2	Form –1M, PFR and Approved Mine Plan	No	SEAC / SEIAA
≥ 25ha and < 50ha	B1	Yes	Yes	SEAC / SEIAA
≥ 50 ha	A	Yes	Yes	EAC/ MoEF&CC
EC Proposal of Sand Mining and other Minor Mineral Mining in cluster situation				
Cluster area of mine leases up to 5 ha	B2	Form –1M, PFR and Approved Mine Plan	No	DEAC/ DEIAA
Cluster area of Mine leases > 5 ha and < 25 ha with no individual lease > 5 ha	B2	Form –I, PFR and Approved Mine Plan and one EMP for all leases in the Cluster	No	DEAC/ DEIAA/
Cluster of mine leases of area ≥ 25 hectares with individual lease size < 50ha	B1	Yes	Yes	SEAC/ SEIAA
Cluster of any size with any of the individual lease ≥ 50ha	A	Yes	Yes	EAC/ MoEF&CC

Note: The Ministry in its O.M No J-11013/19/2012-IA. II (I) dated 20.03.2012 & O.M No J-11013/19/2012-IA. II (I) dated 29.08.2013 clearly mentioned about online uploading of documents viz. Form-1, Pre-feasibility reports, EIA/EMP, Public Hearing minutes, study reports, information sought by EAC/SEAC, ToR/EC letter and other documents, pertaining to a project for grant of ToR/EC and made available in public domain.

- (b) The essential documents required at screening stage for categorization of projects includes: Letter of Intent (LoI) and Cluster Certificate (CC) issued by Department of Geology & Mining, UP.

4.2.2 Stage (2) Scoping:

- (a) *“Scoping” refers to the process to **determine detailed and comprehensive Terms of Reference (TOR) addressing all relevant environmental concerns for the preparation of an Environment Impact Assessment (EIA)/EMP Report in respect of the project or activity for which prior environmental clearance is sought.***
- (b) *Standard TOR developed by the Ministry in consultation with the sector specific Expert Appraisal Committees shall be the deemed approved TOR for the projects or activities. The standard Terms of Reference are displayed on the website of the Ministry of Environment, Forest and Climate Change:*

*Provided that the Expert Appraisal Committee (EAC) or State Expert Appraisal Committee (SEAC) may finalise amendment, **if found necessary for a project within thirty days of the acceptance of application in specified application Form I or Form IA.** These standards TOR shall enable the Project Proponent to commence preparation of an Environment Impact Assessment Report after successful online submission and registration of the application:*

Provided further that, the Expert Appraisal Committee (EAC) or State Expert Appraisal Committee (SEAC) may stipulate additional Terms of Reference, if found necessary, within thirty days of the acceptance of the application in the specified application Form I or Form IA and the Project Proponent shall carry out the EIA study based on the standard

TORs as well as the additional TOR, if any, stipulated by EAC/SEAC:

- (c) The provision in S.O. 141(E) dated 15.01.2016 requires preparation of clusters EIA/EMP for the project forming the cluster situation.
- (d) The relevant provision of MoEF&CC OM no. J-11013/41/2006-IA-II (I) (Part) dt. 29 August, 2017 are as below:

Para (vii)

*"The baseline data used for preparation of EIA/EMP reports may be collected at any stage, irrespective of the request for ToR or the issue thereof. **However, such a baseline data and the public consultation should not be older than 3 years, at the time of submission of the proposal, for grant of Environment Clearance, as per TORs prescribed.**"*

Para (viii)

"Public consultation shall be conducted during the validity of the ToRs. The public consultation conducted after the expiry of ToRs shall not be accepted by the Regulatory Authority."

Para (ix)

*"In case the proposal for Environmental Clearance along with EIA/EMP reports based on the ToRs prescribed, **is not submitted within the validity period of ToRs, and/or not complying with the above conditions**, the process shall be started **de novo**. The already collected baseline data may be re-used, provided it is not more than 3 years old and duly recommended by EAC/SEAC in their due diligence."*

- (e) In view of the above, requirement for legal acceptance of ToR as per the applicable provisions of Notification and OM issued by MoEF&CC, is as below:
- Terms of Reference are issued to define the scope of EIA study and EMP. Further, as the mining leases are forming cluster situation, the ToR letter needs to specify conditions accordingly, for preparation of Cluster EIA/EMP and common Public Hearing (PH) for the entire cluster.
 - Standard ToR is deemed to be valid / issued from the date of acceptance of the application of ToR
 - Additional ToR conditions imposed within 30 days of acceptance of the Application is to be complied by the Project proponent (**PP**).
 - MoEF&CC has prescribed Standard ToR and there is provision for SEAC to amend or add additional scope in ToR within 30 days of the acceptance of the proposal. After 30 days, if no decision is taken by the SEAC then SEIAA can issue Standard ToR. The provision of auto Standard ToR generation is available for the Category A project but for category B project this facility is not operative online and the SEIAA needs to issue the Standard ToR. The issuance of ToR is important because at this stage application for grant of EC may be rejected. The validity of TOR is also specified, as 3 years, for submission of EIA/EMP Report. Without issuing the ToR (Standard/as prescribed by SEAC) the validity of the same cannot be ascertained.
 - Conducting Public hearing forms part of ToR Conditions and PP has to abide by the same.

4.2.3 Stage (3) Public Consultation:

1. As per EIA Notification 2006 *"Public Consultation" refers to the process by which the concerns of local affected persons and others who have plausible stake in the environmental impacts of the project or activity are ascertained with a view to taking into account all the material concerns in the project or activity design as appropriate. All Category 'A' and Category B1 projects or activities shall undertake Public Consultation,"*
- Further combined public hearing needs to be done for the project falling in cluster situation as per S.O. 141(E) 15.01.2016.

4.2.4 Stage (4) Appraisal:

As per EIA Notification 2006

- (i) *Appraisal means the detailed scrutiny by the Expert Appraisal Committee or State Level Expert Appraisal Committee of the application and other documents like the Final EIA report, outcome of the public consultations including public hearing proceedings, submitted by the applicant to the regulatory authority concerned for grant of environmental clearance. This appraisal shall be made by Expert Appraisal Committee or State Level Expert Appraisal Committee concerned in a transparent manner in a proceeding to which the applicant shall be invited for furnishing necessary clarifications in person or through an authorized representative. On conclusion of this proceeding, the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned shall make categorical recommendations to the regulatory authority concerned either for grant of prior environmental clearance on stipulated terms and conditions, or rejection of the application for prior environmental clearance, together with reasons for the same.*

- (ii) *The appraisal of all projects or activities which are not required to undergo public consultation, or submit an Environment Impact Assessment report, shall be carried out on the basis of the prescribed application Form 1 and Form 1A as applicable, any other relevant validated information available and the site visit wherever the same is considered as necessary by the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned.*
- (iii) *The appraisal of an application shall be completed by the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned within sixty days of the receipt of the final Environment Impact Assessment report and other documents or the receipt of Form 1 and Form 1 A, where public consultation is not necessary and the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee shall be placed before the competent authority for a final decision within the next fifteen days .The prescribed procedure for appraisal is given in Appendix V ;*
- *As per Appendix V "2. The Final EIA Report and the other relevant documents submitted by the applicant shall be scrutinized in office within 30 days from the date of its receipt by the concerned Regulatory Authority strictly with reference to the TOR and the inadequacies noted shall be communicated electronically or otherwise in a single set to the Members of the EAC /SEAC enclosing a copy each of the Final EIA Report including the public hearing proceedings and other public responses received along with a copy of Form-1 or Form-1A and scheduled date of the EAC /SEAC meeting for considering the proposal."*

4.3 The Ministry in its O.M No J-11013/19/2012-IA. II (I) dated 20.03.2012 & O.M No J-11013/19/2012-IA. II (I) dated 29.08.2013 has mentioned about online uploading of documents viz. Form-1, Pre-feasibility reports, EIA/EMP, Public Hearing minutes, study reports, information sought by EAC/SEAC, ToR/EC letter and other documents, pertaining to a project for grant of ToR/EC and made available in public domain.

Chapter 5: Observation(s)

The observations are based on the information available on the website of SEIAAA-UP, documents and records made available to MoEF&CC by SEIAA-UP and Department of Mines & Geology, Government of Uttar Pradesh (DMG-UP) and interaction with SEIAA/SEAC and DMG officials. The suggestion made by EAC were also considered.

All efforts were made to collate the information available in hard copy as well as on the website of SEIAA-UP, however, considering the voluminous documents, possibility that some information may not have been traced can't be ruled out, and for such reason the inference derived in this report be subjected to correction, provided requisite supporting documents are made available by the concerned stakeholders. SEIAA or DMG may be allowed to provide factual input, if any deviation is observed, so that this report doesn't risk any inadvertent decision. The scope of this report is defined in Chapter 2.

The procedures followed for grant of prior EC to the projects were examined for compliance to the provisions of Notifications, 2006 and Notification of 2016 and associated observation are as below:

5.1 Compliance to all steps as prescribed under EIA Notification, 2006, were followed (Viz: Screening, Scoping, Public hearing, Appraisal by Competent Authority)?

All steps viz. screening, scoping, public consultation and appraisal by competent authority has been followed for all the projects under examination.

5.2 Screening status of the projects as per the Cluster certificate issued by DMG-UP

It has been observed that out of 36 projects under consideration in this report, category B1 projects is comprising 6 individual and 30 cluster forming. All cluster forming projects are required to prepare cluster EMP, however, only 14 projects were prescribed for preparation of Regional Combined EMP in ToR. ToR recommendation of SEAC also doesn't specify combined EMP (Cluster EMP) requirement for many of the cluster forming projects. So, such ToR has been considered as Individual EMP and accordingly, the assessment for its acceptability in this report has been made. Project classification as per DMG-UP, ToR condition for EMP issued by SEAC and their compliance to the provision of Notification dt. 15.01.2016 is provided in the **Table-5.2.1** below:

Table-5.2.1

Ind ex No.	File No	Project Name	Cluster Status (DMG-UP)	ToR Condition	Remarks
1	4141	M/s Pehalwan Traders	Cluster	Individual	Non-compliant
2	4192	M/s Kanha Construction Company	Cluster	Individual	Non-compliant
3	4325	M/s Sai Constructions & Suppliers	Cluster	Combined REMP	Compliant
4	4155	M/s Balaji Enterprises	Cluster	Individual	Non-compliant
5	4182	M/s Bindu And Ram Construction	Cluster	Individual	Non-compliant
6	4140	M/s Indus Mines and Minerals	Cluster	Individual	Non-compliant
7	4050	M/s Eureka Mines and Minerals Lp	Individual	Individual	Compliant

Ind ex No.	File No	Project Name	Cluster Status (DMG-UP)	ToR Condition	Remarks
8	4358	M/s Vikas Enterprise	Cluster	Combined REMP	Compliant
9	4227	M/s Chaudhary Traders	Individual	Individual	Compliant
10	4233	M/s Gyan Infrabuild Pvt Ltd	Cluster	Individual	Non-compliant
11	4061	M/s Kunwar Infradevelopers Pvt Ltd	Cluster	Individual	Non-compliant
12	4322	M/s Senvin Infrastructure Pvt. Ltd.	Cluster	Individual	Compliant
13	4103	M/s Saneywin ^{##} Infrastructure Pvt. Ltd.	Individual	Individual	Compliant
14	4304	M/s Senvin Infrastructure Pvt. Ltd.	Cluster	Individual	Non-compliant
15	4376	M/s Baba Bholenath Traders	Cluster	Combined REMP	Compliant
16	4156	M/s. D V Construction	Cluster	Individual	Non-compliant
17	4070	M/s. Rama Traders	Cluster	Individual	Non-compliant
18	4219	Smt. Kaushilya Chobey Contractor	Cluster	Individual	Non-compliant
19	4234	M/s Silvrr Mist Retail Pvt. Ltd.	Cluster	Individual	Non-compliant
20	4337	M/s Awasthi Traders	Cluster	Combined REMP	Complaint
21	4194	M/s Bharat Earth Movers	Cluster	Individual	Non-compliant
22	4164	M/s. Rajesh Enterprises	Cluster	Individual	Non-compliant
23	4160	M/s. Harihar Minerals LLP	Cluster	Individual	Non-compliant
24	4100	M/s Silvrr Mist Retail Pvt. Ltd.	Cluster	Individual	Non-compliant
25	4404 - 4510	M/s New Eoan Associates	Cluster	Combined REMP	Compliant

Ind ex No.	File No	Project Name	Cluster Status (DMG-UP)	ToR Condition	Remarks
26	4384 - 4512	M/s Eureka Mines and Minerals LLP	Cluster	Combined REMP	Compliant
27	4406	M/s Harihar Minerals LLP	Cluster	Combined REMP	Compliant
28	4335	M/s Chaudhary Int Udyog	Cluster	Individual	Non-compliant
29	4437	M/s Satyam Construction	Cluster	Individual	Non-compliant
30	4439 - 4528	M/s Disha Enterprises	Individual	Combined REMP	Non-compliant
31	4529	M/s Yadav And Sons	Cluster	Combined REMP	Compliant
32	4438 - 4533	M/s New Praveera Infraheight Pvt. Ltd.	Cluster	Combined REMP	Compliant
33	4446 - 4534	Shri Rahul Kumar Gupta	Cluster	Combined REMP	Compliant
34	4420 - 4531	M/s Kanhaiyalal And Sons	Cluster	Combined REMP	Compliant
35	4426 - 4532	M/s Kamalnath Enterprises Private Limited	Cluster	Combined REMP	Compliant
36	4433 - 4538	M/s Shri Construction ^{##}	Individual	Combined REMP	Non-compliant

Note- Based on DMG-UP letter at Annexure 5.2.1

5.3 Whether all projects were in possession of valid ToR?

As per the provision of MoEF&CC Notification S. O. 996 (E) 10 April 2015, the Standard ToR (SToR) prescribed and available at PARIVESH portal of MoEF&CC becomes deemed ToR from the date of application by the project Proponent (PP). However, recommendations made by SEAC within 30

days of acceptance of application, make the ToR as project specific. For convenience of understanding in this report, such ToR has been reported as Prescribed ToR (PToR).

However, PP has to ensure compliance of all conditions stipulated in either SToR or PToR, as applicable to make the EIA/EMP report legally acceptable.

Therefore, Non-issuance of ToR by regulatory authority doesn't make the process of appraisal for EC, as legally not acceptable and projects are deemed to be in possession of ToR after successful submission of application for TOR

It is observed that all projects were appraised by SEAC for grant of ToR and were recommended for issuance of ToR, therefore, application of standard ToR doesn't arise. SEIAA had issued ToR for all projects except following 5 projects. The status of these 5 projects are as below in **Table No 5.3.1:**

Table No 5.3.1

Index No.	File No.	Project Name	TOR Status and Recommendation date by SEAC
1	4510-4404	M/s. New Eoan Associates	354 th Meeting dated 30/08/2018, but not Issued by SEIAA
2	4512-4384	M/s. Eureka Mines & Minerals	353 th Meeting dated 29/08/2018, but not Issued by SEIAA
3	4513-4406	M/s. Harihar Minerals LLP	354 th Meeting dated 30/08/2018, but not Issued by SEIAA
4	4335	M/s. Choudhary Int Udyog	367 th Meeting dated 23/10/2018, but not Issued by SEIAA
5	4437	M/s. Satyam Construction	367 th Meeting dated 23/10/2018, but not Issued by SEIAA

5.4 Whether projects were compliant to the conditions of ToR?

One project was observed to be not in compliance to the provision of ToR. Details are as below **Table No 5.4.1**:

Table No 5.4.1

Index No.	File No.	Project Name	Compliance to ToR Conditions
3	4325	M/s Sai Constructions & Suppliers	Not Complied Monitoring will be carried out in post monsoon i.e. October to December

5.5 Public Hearing before Issuance of ToR?

All projects under consideration of this report has been appraised by SEAC and has recommendation of specific ToR. So, applicability of standard ToR doesn't arise.

Provision of para (vii) of MoEF&CC OM no. J-11013/41/2006-IA-II(I) Part dt. 29 Aug 2017 allows acceptance of public hearing not older than 3 years from the date of appraisal of project for EC. However, the below mention projects were appraised by SEAC and recommended for issuance of ToR with certain conditions, which were in variation with the Standard ToR. Therefore, the Public hearing carried out on Draft EIA/EMP study report based on SToR is legally not valid for acceptance for its appraisal for grant of EC. Following two projects are found with Public hearing before date of ToR recommendation and therefore are not acceptable for appraisal for EC.

Projects carried Public Hearing before issuance of ToR given Below in **Table No 5.5.1:**

Table No 5.5.1

Index No.	File No	Project Name	ToR Date	Public Hearing Date
28	4335	M/s Chaudhary Int Udyog	367th meeting dt. 23/10/2018	26.09.2018
29	4437	M/s Satyam Construction	367th meeting dt. 23/10/2018	05.10.2018

5.6 Environmental Clearances granted were based on Regional EIA/EMPs or Individual EIA/EMP?

All projects (**Cluster** or **Individual**) were granted EC based on appraisal of individual EIA/EMP reports.

Regional EIA/REMP were considered for first time appraisal for projects under **Cluster** category, and in-principle recommendation for grant of EC was made by SEAC, subjected to submission of Individual EIA/EMP. Thereafter, in compliance to the decision of joint meeting held on 14.11.2018 of SEIAA and SEAC, all projects except, individual were appraised by SEAC on individual EIA/EMP reports and recommended for grant of EC to SEIAA.

5.7 Regional Environment Impact Assessment studies (REIA) / Environment Management Plan (EMP) is legally acceptable for grant of EC?

As per provision of notification dt. 15.01.2016, the projects related to Minor Minerals of smaller size, and having potential to form cluster are required to be screened for its

cluster formation. Based on the cluster situation, cluster EIA/EMP is required to be prepared and accordingly Public hearing to be conducted.

It is necessary to mention that there is no specific mention for non-acceptance or legal invalidity in consideration of REIA/REMP in any relevant notification pertaining to prior EC for Minor minerals projects.

However, vide MoEF&CC Notification S.O.2269(E) dt. 01.07.2016, the following is prescribed:

Note: In the State of Rajasthan, for mining of minor minerals, in situation of a large number of leases or quarry licenses of very small size (up to one hectare each) in contiguous area, the mines and Geology Department of the State shall:

(C) prepare a Regional mine plan and Regional Environmental Management Plan including all the clusters in that contiguity

Therefore, the concept of Regional EIA/EMP is not alien and not unacceptable, if the SEAC/SEIAA after due diligence consider it necessary to meet the underlying objective of EIA notification, 2006.

Therefore, in situation where cluster is formed for Minor minerals projects, Cluster EIA /EMP are legally required as per provision of notification dated 15.01.2016. The notification provides the procedure for environment clearance for mining of Minor minerals including cluster at Appendix- XI of the notification.

Para 2 of Appendix – XI prescribed the requirements for preparation of EIA and EMP study reports for mining of minor minerals including cluster. The report should capture all the possible externalities. These reports shall capture carrying

capacity of the cluster, transportation and related issues, replenishment and recharge issues, geo-hydrological study of the cluster area. Reports having these essential requirements are in conformity to the legal requirements and can be accepted for appraisal for grant of EC.

The underlying objective for stipulating cluster EIA/EMP for minor minerals projects is to have EIA reports consisting of critical information on environment including cumulative effect of activities in the cluster. This is to facilitate comprehensive knowledge to the process of appraisal of such projects.

Expert Appraisal Committee (EAC) expressed that REIA/REMP is more comprehensive and scientific approach for appraising multiple projects in particular region within underlying objective of EIA Notification. Regional EIA extend additional information of cumulative externalities and is better for informed decision making. However, caution is required to ensure that all critical parameters, activities and its associated impacts of individual / cluster projects are properly and scientifically represented in the REIA /REMP reports. If done properly, the cluster specific findings and management plan will be well articulated in the REIA/REMP.

The REIA/REMP received by MoEF&CC was examined and found that the essential requirements as stipulated in para 2 of the Appendix XI have been provided. Therefore, these reports are legally acceptable as cluster EIA/EMP. However, the attributes and comprehensiveness of the content provided against the essential requirements in the REIA/REMP has not been assessed.

It is observed that 29 Projects forms cluster (<500 m distance criteria) at the time of TOR application. There are projects which are forming cluster like situation where the distance is more than 500 m but are in close proximity of other mines, not included in this report. However, if the critical conditions are available in the report either for the cluster or regional, REIA/REMP will be more scientifically acceptable report., but SEAC has to accept it after due diligence at the stage of grant of ToR.

SEAC after appraising the projects has recommended following two types of condition:

- a. There is no specific mention of scope in reference to cluster or Individual EIA/EMP, but has highlighted the reference of Notification dated 15.01.2016
- b. Specific mention of Regional Combined EMP (RCEMP)

From above, it is understood that recommendation of RCEMP is a considered decision and has been given to certain number of projects.

The purpose of due diligent appraisal of the project by SEAC is to identify the probable environmental concern and prescribed appropriate conditions for conducting impact assessment studies so that EMP can be prepared considering all externalities. All projects have been appraised by SEAC for issuance of ToR, but it is observed that SEAC recommendations of specific conditions lack due diligent assessment and to be in agreement with the provisions of Notification dated 15.01.2016.

Therefore, project forming cluster and not prescribed for scoping RCEMP are not in compliance to the provision of the

Notification dated 15.01.2016 and legally not acceptable. The list of such projects are as given below in **Table No 5.7.1**:

Table No 5.7.1

Index No.	File No	Project Name
1	4141	M/s Pehalwan Traders
2	4192	M/s Kanha Construction Company
4	4155	M/s Balaji Enterprises
5	4182	M/s Bindu And Ram Construction
6	4140	M/s Indus Mines and Minerals
10	4233	M/s Gyan Infrabuild Pvt Ltd
11	4061	M/s Kunwar Infradevelopers Pvt Ltd
14	4304	M/s Senvin Infrastructure Pvt. Ltd.
16	4156	M/s. D V Construction
17	4070	M/s. Rama Traders
18	4219	Smt. Kaushilya Chobey Contractor
19	4234	M/s Silvrr Mist Retail Pvt. Ltd.
21	4194	M/s Bharat Earth Movers
22	4164	M/s. Rajesh Enterprises
23	4160	M/s. Harihar Minerals LLP
24	4100	M/s Silvrr Mist Retail Pvt. Ltd.
28	4335	M/s Chaudhary Int Udyog
29	4437	M/s Satyam Construction

5.8 Fresh Public consultation is required after additional details are sought by SEAC?

The relevant part of Notification dated 15.01.2016 is reproduced below:

- (3) *“There shall be one public consultation for entire cluster after which the final Environment Impact Assessment or Environment Management Plan report for the cluster shall be prepared.”*
- (4) *“Environmental clearance shall be applied for and issued to the individual project proponent. The individual lease holders in cluster can use the same Environmental*

Impact Assessment or Environment Management Plan for application for the environmental clearance. The cluster Environment Impact Assessment or Environment Management Plan shall be updated as per the need keeping in view any significant changes.”

- (5) *“The details of cluster Environment Impact Assessment or Environment Management Plan shall be reflected in each environmental clearance in that cluster and DEAC, SEAC and EAC shall ensure that the mitigative measures emanating from the Environment Impact Assessment or Environment Management Plan study are fully reflected as environmental clearance conditions in the environmental clearances of individual project proponents in that cluster.”*

The decision to call for fresh public consultation is generally applied when the Public consultation procedure as stipulated in Appendix IV of Notification 2006 has not been complied. The SEAC/SEIAA during their appraisal and consideration of the project has to take such decision. Any additional detail called by SEAC are required for further appraisal and doesn't requires any fresh public hearing.

In views of above, call for fresh public hearing is not required as per provision of Notification dated 2016, provided the projects are in cluster and the Public hearing has been conducted as per the requirement of Appendix IV of the Notification 2006.

5.9 EIA reports considered for appraisal were in compliance to the provision of the Notification, 2016.

EIA Notification 2006, Appendix III stipulates generic structure for preparation of EIA/EMP document, wherein all

relevant information in structured form is required to be presented in a document. Any additional information sought or study prescribed in ToR has to be appropriately incorporated in the EIA/EMP report.

Additionally, provision of Appendix XI of Notification dated 15.01.2016 (Notification, 2016) stipulates certain essential requirements in EIA study reports for minor minerals.

SEAC/SEIAA informed during the interactive meeting with EAC on 22 March 2019, that all reports which were appraised by SEAC for grant of EC were in conformity to prescribed structure of Appendix III of EIA Notification 2006.

The available records, after examination suggests, that EIA/EMP reports of **individual** projects, which were uploaded and considered for appraisal, were in conformity to provision of Appendix XI, of EIA notifications, 2016 and structure prescribed in Appendix III of Notification, 2006. Therefore, the EIA/EMP reports considered by SEAC for recommending grant of EC to SEIAA is acceptable for all individual projects with regard to generic requirement for preparation of EIA/EMP document as per the provision of Notification, 2016.

Records suggests that corresponding content of each projects were derived from respective REIA/EMP and accordingly, Individual EIA/EMP were prepared and uploaded on the website for consideration of Competent authority.

Further, on examination of the EIA/EMP reports pertaining to **cluster** projects and available on the web-portal SEIAA, it has been observed that all requisite chapters are available in

the report as per provision of Appendix XI of EIA Notification 2016.

It is to mention here that technical and scientific content of these reports has not been examined and accordingly, no observation is submitted in this regard.

5.10 Specific deviations observed from stipulated procedure and provision of the Notification

A joint meeting of SEIAA and SEAC was held on 14.11.2018 (**Annexure 5.10.1**), where certain decisions were taken, which includes:

"No REIA will be entertained. There will be only individual or cluster EIA."

"The committee /authority also decided that in case there is any mention of REIA/REMP in any of the minutes of SEIAA/SEAC, it should be treated as deleted."

Scope of EIA/EMP studies are defined at the stage of ToR appraisal. SEIAA don't have any authority to define the scope of TOR, whereas SEAC has to appraise the projects with due diligence and specify project specific conditions. Such arbitrary decision defies the underlying objectives of the notification.

This decision of the joint meeting doesn't reject the REIA report, but has asked for Individual or cluster EIA. However, any change in scope of work for EIA /EMP Studies after lapse of 30 days from date of application for ToR is not legally acceptable within the provision of Notification S.O. 996(E) dated 10 April 2015. Therefore, the changes arising out of this decision has been considered as legally Not acceptable.

6.0 Conclusion

- (a) Following projects were found to be in compliance to the procedural requirement and acceptable as per the provision stipulated in Notification 2006, 2015 and other OM issued by MoEF&CC for grant of prior EC given in **Table 6.1**.

Table 6.1

Projects found legally compliant to the procedural provisions of Notification

S. No.	Index No.	File No.	Project Name
1.	8	4358	M/s Vikas Enterprise
2.	9	4227	M/s Chaudhary Traders
3.	15	4376	M/s Baba Bholenath Traders
4.	26	4384-4512	M/s Eureka Mines and Minerals LLP
5.	27	4406-4513	M/s Harihar Minerals LLP
6.	31	4529	M/s Yadav and Sons
7.	32	4438-4533	M/s New Praveera Infraight Pvt. Ltd.
8.	33	4446-4534	Shri Rahul Kumar Gupta
9.	34	4420-4531	M/s Kanhaiyalal And Sons
10.	35	4426-4532	M/s Kamalnath Enterprises Private Limited

- (b) The provision of para 2 of the Appendix 11 of EIA Notification 2015 were found to be incorporated in the REIA/REMP reports, however, the attributes and comprehensiveness of the content were not assessed. The SEAC is required to make such assessment and with limited information available on deliberation held during appraisal process, it was felt inappropriate to put any observation on qualitative and comprehensiveness of the content. It is submitted that such information be submitted by SEAC/SEIAA directly, if deemed necessary by Hon'ble NGT.

- (c) The decision to change the scope of EIA study after 30 days of application in a joint meeting held on 14.11.2019 is not as per provision of the notification, and due care should be taken in future to avoid such procedural lapses.
- (d) The screen and scoping needs to be more comprehensive and in accordance with the provision made in the notification.

From:

Mr. S. S. Choudhary, Director, IIT
Kharagpur, West Bengal

To:

The Secretary,
Engineering Education, Far North Zone Office,
Ministry of Education, Government of India,
New Delhi

Reference: IIT/KGP/EE/1984/100

Date: 15.12.84

Subject: Request for approval of IIT/KGP, existing and for future.

Dear Sir,

One branch of the Institute is the Institute of Technology, IIT, Kharagpur, West Bengal. The Institute is established in 1951 and is one of the oldest IITs in India. The Institute is now being reorganized and is being renamed as Institute of Technology, Kharagpur, West Bengal.

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Yours faithfully,

S. S. Choudhary, Director, IIT, Kharagpur, West Bengal.

CC: Mr. S. S. Choudhary, Director, IIT, Kharagpur, West Bengal.

CC: Mr. S. S. Choudhary, Director, IIT, Kharagpur, West Bengal.

CC: Mr. S. S. Choudhary, Director, IIT, Kharagpur, West Bengal.

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From,

Director,
Directorate of Geology & Mining, U.P.
KhanijBhawan
Lucknow.

To,

The Member Secretary,
Non-coal Mining Expert Appraisal Committee,
Ministry of Environment & Forest,
Government of India,
New Delhi.

Letter No. 398 / M - NGT - Hamirpur / 2019

Dated: 19/06/2019

Sub: 5th EAC meeting of 29th May, 2019, Agenda Item No. regarding the NGT
Appeal No. 263 and 264, AmitUpadhyay Vs. SEIAA, UP & Others.

Dear Sir,

With reference to the above, our Sr. Mines Officer Sri S.K. Singh alongwith Sri Raj Ranjan, Mines Inspector attended the meeting and had a detailed deliberation on the issue. The officers were provided several queries, on which we have elicited responses from the relevant stakeholders, which have been reviewed, and with our concurrence, are being submitted for your kind consideration.

Apart from the above, we would also like to highlight that the Directorate of Geology & Mining is privy to the submission made by the SEIAA- UP before the Hon'bleNGT in the form of an affidavit and concurs with it. The salient points of the affidavit are as follows:

1. While the SEIAA/SEAC-UP found the REIA, a valuable document with a better framework for analysis of environmental factors. Due to the limitations of the EIA Notification, the project proponent/consultants were asked to disaggregate the regional EIA to demonstrate that individual leases were

adequately analysed on 15-16 October, 2018, EC was appraised and granted individually.

2. The cases were considered individually as all the applications (Form 1, Mining Plan etc.) were submitted individually, the public hearings was individual though held at common venues and, the appraisal was done on the basis of adequate baseline testing, individual sensitivity analysis and preparation of individual EMP budgets.
3. Its noteworthy that the Hon'ble NGT had specifically sought the Ministry's report on the legality of the process followed and surprisingly the EAC is focusing on the regional EIA rather than the fact that the same data can be used for subsequent EIAs. Data can be collected prior to the grant of TOR/Standard TOR etc. and individual applicants in the same cluster can take benefit of the provisions of the Schedule XI of the GOI Notification dated 15.01.2016 and the Ministry's OM dated 29.8.2017

We hope that Ministry would keep these considerations in finalizing the minutes of the EAC while submitting its report to the Hon'ble NGT.

Thanking you,

Encl: As above

Yours faithfully,


(Dr. Roshan Jacob)
Director

Cc: 1. The Principal Secy., Deptt. Of Mining, U.P.
2. The Joint Secy., MoEF, GOI.


(Dr. Roshan Jacob)
Director

408-58/CCAC/2019

16-4-19

Email

To,

1. The Chairman, EAC, (Non-Coal Mining Sector), Ministry of Environment Forest and Climate Change, Govt. of India, New Delhi.
2. The Member Secretary, EAC, (Non-Coal Mining Sector), Ministry of Environment Forest and Climate Change, Govt. of India, New Delhi.

Dear Sir,

After having perused the draft minutes of 25th March 2019 Non-coal EAC meeting through website, we would like to draw your kind attention on following facts:-

1. In the meeting, we made a brief presentation about the procedure followed by SEAC for the grant of Environment clearance.
2. After our presentation, the members of EIA raised a number of questions, which were replied by us.
3. We emphatically told that due intelligence and diligence is taken while considering any proposal for the grant of Environment clearance.
4. The representative of MOEF&CC started making a detailed case wise presentation, having their own detailed analysis and observations.
5. We clearly mentioned that it was not possible for us to give any comments on the analysis and observation of MoEF&CC. It would only be possible, if all the individual files are placed before the members of EAC and SEAC and the same is perused over the next couple of days. Nobody can be expected to remember the details of 36 cases after 6 months.
6. We requested EAC to call the EIA consultant of these 36 projects who were waiting outside the hall. We clearly mentioned that only consultant may be in a position to reflect on the detailed case wise analysis/observations of MOEF&CC. However the EIA consultant was not allowed in the hall for the reasons not known to us.
7. We were present only for a limited time of presentation.

Thus, we neither confirm nor deny the case wise observations/analysis as given in the minutes.

With best regards.

Meraj Uddin
(Meraj Uddin)
Member

Rajive Kumar
(Rajive Kumar)
Member

Sarita Sinha
(Dr. Sarita Sinha)
Vice Chairman

Copy to following for information:-

- 1- Chairman, SEIAA, Uttar Pradesh.
- 2- Chairman, SEAC, Uttar Pradesh.
- 3- Member Secretary, SEIAA, Uttar Pradesh.
- 4- Secretary, SEAC, Uttar Pradesh.

**GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(IMPACT ASSESSMENT DIVISION)
NON-COAL MINING SECTOR**

SUMMARY RECORD OF 2nd MEETING OF THE COMMITTEE OF THE EXPERT APPRAISAL COMMITTEE FOR ENVIRONMENTAL APPRAISAL OF NON-COAL MINING PROJECTS CONSTITUTED UNDER THE EIA NOTIFICATION, 2006.

The 2nd meeting of the Expert Appraisal Committee for Environmental Appraisal of Mining Projects (Non-Coal) of the Ministry of Environment, Forest and Climate Change was held during **February 20-21, 2019**. The list of participants is annexed herewith. After welcoming the Committee Members, discussion on each of the Agenda Items was taken up ad-seriatim.

(1.1) Deliberation & Circulation on the Minutes of the 1st EAC Meeting held during January 22-23, 2019:

The Minutes of the 1st Meeting of EAC held during **January 22-23, 2019** were circulated to the members of the Committee. The Committee made brief deliberations on the proposals placed in the last meeting and approved the same with the following amendments:

(a) **Page Nos. 37, 42, 49, 53, 174 & 183 of the Minutes of EAC held during January 22-23, 2019:** The word 'Aromatic Hydrocarbon' mentioned at page numbers 37, 42, 49, 53, 174 & 183 may be read as 'Aromatic Hydrocarbon'.

(b) **Page No. 46, para 5, of the Minutes of EAC held during January 22-23, 2019:** The date of EAC meeting mentioned at Page No. 46, para 5, may be read as '20-21, March 2017' in place of '20-21, March 2019'.

(c) **Page No. 6 of the Minutes of EAC held during January 22-23, 2019:** The recurring cost '0.0 crores' mentioned at second last line may be deleted.

Day 1: February 20, 2018 [Wednesday]

Consideration of Proposals

(2.1). Appraisal of Replenishment Study Report prepared for EC granted to M/s Mahadev Enclave Pvt. Ltd. by SEIAA, Bihar in pursuance of the Hon'ble Supreme Court's Order dated 22.11.2018 [WP (C) 11808 of 2016 in the matter of Aman Kumar Singh Vs. State of Bihar & Ors.]- 19 ECs of M/s

meters this shown that calculation is not correct. The Committee observed that PP was unable to present the difference in level of mining lease before and after the monsoon season. The Committee asked the PP/Consultant who has prepared the replenishment study report for the validation of data and submit an undertaking that the data collected is factual correct but the Consultant was not sure and confident about the collection of data used for the survey and denied to give any undertaking in this regard. The Committee thus did not accept the replenishment study report for 2018-19. The Committee deliberated the replenishment study presented by the M/s Mahadev Enclave Pvt. Ltd./Consultant and observed that the replenishment study presented by the consultant is not adequate and the suggested that report has to validated by some empirical formula and different methodology shall be adopted for its validation and reaching at final conclusion. **In this context the PP/Consultant requested the Committee that they may be granted 30 days for submission of the information.**

The Committee deliberated the above mentioned information and request from the Department of Mines and Geology, Govt. of Bihar and PP/Consultant, accordingly the Committee suggested that the Department of Mines and Geology, Bihar and SEIAA, Bihar and PP/Consultant has to submit all the requisite information within 30 days so that EAC can take a view on the replenishment study for further submission to the Hon'ble Supreme Court of India. The Committee deferred the proposal and the same can be considered before the EAC after submission of the above mentioned information.

(2.2). Appraisal of 24 ECs for Minor Minerals granted by the SEIAA, UP in the Appeal No. 264 of 2018 in the matter of Amit Upadhaya Vs State Level EIA Authority & Ors. before the Hon'ble NGT Delhi - Court Related Matters

Sr. No.	Proposal No.	Project Proponents
1	SIA/UP/MIN/22490/2018	M/s Pehalwan Traders
2	SIA/UP/MIN/23553/2018	Shri Kanha Construction Company
3	SIA/UP/MIN/26243/2018	M/s Sai Construction And Suppliers
4	SIA/UP/MIN/22628/2018	M/s Balaji Enterprises
5	SIA/UP/MIN/23344/2018	M/s Bindu and Ram Construction Company
6	SIA/UP/MIN/22486/2018	M/s Indus Mines and Minerals
7	SIA/UP/MIN/21868/2018	M/s Eureka Mines and Minerals LLP
8	SIA/UP/MIN/27821/2018	M/s Vikas Enterprises
9	SIA/UP/MIN/25126/2018	M/s Chaudhary Traders
10	SIA/UP/MIN/24938/2018	M/s Gyan Infrabuild Pvt. Ltd.
11	SIA/UP/MIN/21879/2018	M/s Kunwar Infradevelopers Pvt. Ltd.

12	SIA/UP/MIN/26229/2018	M/s Senewin Infrastructure Pvt. Ltd.
13	SIA/UP/MIN/21915/2018	M/s Senewin Infrastructure Pvt. Ltd.
14	SIA/UP/MIN/26125/2018	M/s Senewin Infrastructure Pvt. Ltd.
15	SIA/UP/MIN/27993/2018	M/s Baba Bholenath Traders
16	SIA/UP/MIN/22632/2018	M/s D.V. Construction
17	SIA/UP/MIN/21922/2018	M/s Rama Traders
18	SIA/UP/MIN/24388/2018	Smt. Kaushilya Chobey Contractor
19	SIA/UP/MIN/25040/2018	M/s Silvrr Mist Retail Pvt. Ltd.
20	SIA/UP/MIN/27752/2018	M/s Awasthi Traders
21	SIA/UP/MIN/23679/2018	M/s Bharat Earth Movers
22	SIA/UP/MIN/22706/2018	M/s Rajesh Enterprises

The Hon'ble NGT, in its order dated 31.01.2019, in the I.A. No. 14/2019, I.A. No. 15/2019, I.A. No. 16/2019, I.A. No. 17/2019 & I.A. No. 68/2019 IN Appeal No. 263/2018 I.A. No. 67/2019 IN Appeal No. 264/2018 [Amit Upadhaya versus State Level Environmental Impact Assessment Authority & Ors.], has inter-alia, directed the followings:

The issue for consideration is whether Environmental Clearance (EC) granted for Category I and II mines only on the basis of the report of the Regional Environment Impact Assessment Authority (REIAA) without individual EIA is valid in law.

On 17.12.2018, this Tribunal noted that individual Environment Impact Assessment (EIA) reports were never considered and EC was granted based on rejected Regional EIAs. Accordingly, this Tribunal directed that EC may not be proceeded with, pending further consideration.

The Tribunal also directed Ministry of Environment, Forests and Climate Change (MoEF&CC) to furnish a report about the legality of the procedure followed. The MoEF&CC filed an application being I.A. No. 56 of 2019 on which the matter has been deferred to 08.04.2019.

In the said application, it is stated that the MoEF&CC is waiting for the information from the State Level Environment Impact Assessment Authority (SEIAA), Uttar Pradesh and Directorate of Mining and Geology, Government of UP about the procedure followed which will require detailed examination by the MoEF&CC for which more time was required. The MoEF&CC also referred to order of this Tribunal dated 11.12.2018 in Execution Application No. 55 of 2018 in O.A. no. 520/2016, Vikrant Tongad V. Union of India, directing that notification dated 15.01.2016 may not be acted upon till a fresh procedure is laid down for EC.

The fact remains that question whether due procedure has been followed in the present case while granting EC i.e. whether individual EIAs report has been furnished as required, remains to be considered and for such consideration, report of MoEF&CC has to be seen.

Being technical matter, we require assistance of MoEF&CC on the subject of validity of the EIAs. We further direct Central Pollution Control Board may also be involved in the

process by the MoEF&CC and report furnished to this Tribunal before the next date.

Even after hearing the project proponents and SEIAA, we do not find any ground to modify interim order dated 17.12.2018 as on precautionary principle, without proper EIA, grant of mines in Category – I and II can be detrimental to the environment.

Accordingly, let the matter be listed on 08.04.2019 as earlier directed.

In view of the above, the Ministry has placed the projects before the EAC in its meeting held during February 20-21, 2019. The Ministry has also requested the State Environmental Impact Assessment Authority, UP to submit the facts before the EAC so that the Committee may take a view accordingly.

The Member Secretary, State Environmental Impact Assessment Authority has attended the EAC meeting along with his team and briefed about the appeals (No. 263 of 2018 & 264 of 2018) filed before the Hon'ble NGT. The representative of Central Pollution Control Board was also present. In addition to this representative of Policy Sector of IA Division was also present during the meeting. The Committee deliberated the issues and the Member Secretary, State Environmental Impact Assessment Authority expressed his inability to explain the various technical matters on appraisal done at the level of State Expert Appraisal Committee (SEAC), UP and suggested that SEAC members may be called for detailed presentation/discussion before the next EAC meeting to be held in March 2019 for briefing EAC (non-coal mining) on technical appraisal done by SEAC.

The Committee, after detailed deliberation, deferred the proposals and suggested that these cases may be placed before the next EAC meeting scheduled to be held in March 2019 and the Member Secretary, SEIAA, UP, SEAC, UP (2-3 members) and DMG, Govt. of UP may be called for the next EAC meeting for their detailed presentations on the procedures followed by the SEIAA/SEAC during appraisal of the projects as per the provisions of the EIA Notification, 2006.

The Committee also suggested that the Ministry may examine the information submitted by SEIAA, UP and also obtain comments of policy sector on the same. The Committee also observed that SEIAA UP should submit the KML files for study area 1 to 5 in polygon format as the information so far submitted is in the point form.

(2.3). Appraisal of 12 ECs for Minor Minerals granted by the SEIAA, UP in the Appeal No. 263 of 2018 in the matter of Amit Upadhya Vs State Level EIA Authority & Ors. before the Hon'ble NGT - Court Related Matters

Sr. No.	File No.	Project Proponents	PROPOSAL NUMBERS
1	4510-4404	M/s New Eoan Associates	SIA/UP/MIN/29418/2018

**GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(IMPACT ASSESSMENT DIVISION)
NON-COAL MINING SECTOR**

SUMMARY RECORD OF 3rd MEETING OF THE COMMITTEE OF THE EXPERT APPRAISAL COMMITTEE FOR ENVIRONMENTAL APPRAISAL OF NON-COAL MINING PROJECTS CONSTITUTED UNDER THE EIA NOTIFICATION, 2006.

The 3rd meeting of the Expert Appraisal Committee for Environmental Appraisal of Mining Projects (Non-Coal) of the Ministry of Environment, Forest and Climate Change was held during **March 25-26, 2019**. The list of participants is annexed herewith. Shri. G.P. Kundargi is requested the chairman to recuse him from appraising the agenda no. 2.7 and Chairman accepted his request. After welcoming the Committee Members, discussion on each of the Agenda Items was taken up ad-seriatim.

(1.1) Deliberation & Circulation on the Minutes of the 2nd EAC Meeting held during February 20-21, 2019:

The Minutes of the 2nd Meeting of EAC held during **February 20-21, 2019** were circulated to the members of the Committee. The Committee made brief deliberations on the proposals placed in the last meeting and approved the same with the following amendments:

(a) Page Nos. 37, 42, 49, 53, 174 & 183 of the Minutes of EAC held during January 22-23, 2019: The word 'Achromatic Hydrocarbon' mentioned at page numbers 37, 42, 49, 53, 174 & 183 may be read as 'Aromatic Hydrocarbon'.

(b) Page no. 1 and 25 of the Minutes of EAC held during February 20-21, 2019: The Day 1: February 20, 2018 [Wednesday] and Day 2: February 21, 2018 [Thursday] mentioned at page numbers 1 and 25 may be read as Day 1: February 20, 2019 [Wednesday] and Day 2: February 21, 2019 [Thursday].

Day 1: March 25, 2019 [Monday]

(2.1 and 2.2). Appraisal of 24 ECs for Minor Minerals granted by the SEIAA, UP as mentioned in the Appeal No. 264 of 2018 and 12 ECs for Minor Minerals for which EC was granted by the SEIAA, UP as mentioned in the Appeal No. 263 of 2018 in the matter

**of Amit Upadhaya Vs State Level EIA Authority & Ors. before
the Hon'ble NGT Delhi**

Members experts from SEAC, Uttar Pradesh namely Shri Meraj Uddin, Dr. Sarita Sinha, and Shri Rajiv Kumar along with officers from DGM (Shri Amit Kaushik, Sr. Mining Officer) and State Environmental Impact Assessment Authority (SEIAA) [Shri Subran Kumar, Asst Director DoE, UP attended the meeting. Member Secretary, SEAC-UP was reported ill and did not attend the meeting. Representative from CPCB was also not available.

SEAC gave a brief presentation and submitted that the procedures have been due diligent followed by SEAC/SEIAA. He further submitted that SEAC was of the opinion that regional EIA is amalgamation of individual EIA's, but considering the provisions of EIA Notification 2006 (and as amended), the SEAC had asked the PP to submit individual EIA prior to SEIAA appraisal. The appraisal of proposals was based on individual EIAs done in Nov - Dec 2018.

2. Ministry (MoEF&CC) made submission on their findings in the reports as well as procedure adopted and also, technical aspects of the Appraisal process. A presentation including a comparative information was made by MoEF&CC.

3. The deliberation/observations during the course of meeting are as below:

a) The cluster appraisal as stipulated in the notification S.O. 141(E) dated 15.01.2016 is not followed in some cases except which are classified as individual category as per cluster certificate issued by DMG, UP. The list of individual projects are as below:

- i) M/s Shri Construction (file no 4433-4538; Proposal No SIA/UP/MIN/28510/2018; Regional EIA (Study Area-2), is an individual project of 36.437 Ha as per Cluster certificate issued vide Lr No. 818/khanij/mmc-30 dated 12.09.2018.
- ii) M/s Senvin Infrastructure Pvt. Ltd (file no 4103; Proposal No SIA/UP/MIN/21915/2018; Regional EIA (Study Area-1), is an individual project of 27.53 Ha as per Cluster certificate issued vide Lr No. 808/khanij/mmc-30 dated 25.01.2018.
- iii) M/s Chaudhary Traders (file no 4227; Proposal No SIA/UP/MIN/25126/2018; Information submitted by DMG, UP vide Lr No 2411/M-Vad N.G.T /2019 dated 17.01.2019 is an individual project of 25.29 Ha.
- iv) M/s Eureka Mines And Minerals LLP (file no 4050; Proposal No SIA/UP/MIN/21868/2018; Regional EIA (Study Area-3), the mining lease area as per Letter of Intent issued on 26.02.2018 is 12.145 and

is a B2 Project as per S.O. 141(E) dated 15.01.2016. The Cluster certificate is not issued for this mine. Further, as per recent information submitted by DMG, UP vide Lr No 2411/M-Vad N.G.T /2019 dated 17.01.2019, the area of this mining lease and cluster details is marked as NIL. Thus, there is a discrepancy in the cluster area mentioned by DMG, UP

- b) It is observed that **except in following cases**, there is change in Cluster area of other projects as per the Certificates issued by DMG initially and as reported by DMG vide its Lr No 2411/M-Vad N.G.T /2019 dated 17.01.2019.

Appeal No	File No	Project Name	Proposal Number
264	4192	M/s KANHA CONSTRUCTION COMPANY	SIA/UP/MIN/23553/2018
264	4325	M/s Sai Constructions & Suppliers	SIA/UP/MIN/26243/2018
264	4358	MS VIKAS ENTERPRISE	SIA/UP/MIN/27821/2018
264	4233	MS GYAN INFRABUILD PVT LTD	SIA/UP/MIN/24938/2018
264	4322	M/s Senvin Infrastructure Pvt. Ltd.	SIA/UP/MIN/26229/2018
264	4103	MS SANEYWIN INFRASTRUCTURE PRIVATE LIMITED	SIA/UP/MIN/21915/2018
264	4304	MS SENVIN INFRASTRUCTURE PVT LTD	SIA/UP/MIN/26125/2018
264	4234	MS SILVRR MIST RETAIL PRIVATE LIMITED	SIA/UP/MIN/25040/2018
263	4384-4512	M/s Eureka Mines and Minerals LLP	SIA/UP/MIN/29419/2018
263	4335	M/s Chaudhary Int Udyog	SIA/UP/MIN/29573/2018
263	4438-4533	M/s New Praveera Infraheight Private Limited (4438)	SIA/UP/MIN/28568/2018
263	4446-4534	Shri Rahul Kumar Gupta	SIA/UP/MIN/28608/2018
263	4420-4531	M/s Kanhaiyalal And Sons (4420)	SIA/UP/MIN/28402/2018
263	4433-4538	M/s Shri Construction	SIA/UP/MIN/28510/2018

- c) The screening stage of EC regulation is an important stage where SEAC/SEIAA needs to ensure proper documentation and also assessment of category of project. It is observed that the initial screening time taken by SEIAA varies between 0 to 12 days. Three projects were accepted on the same day, 24 Projects within 0-5 days and remaining cases within 6-12 days.

It is observed that Project Proponent has not uploaded the cluster certificate and letter of intent at the time of grant of ToR. These documents

are necessary for screening of the project into various categories (A, B1 & B2 and cluster B1 & B2). Therefore, SEIAA have limited the process of Screening the projects as per the provision of EIA, notification 2016

- d) The Ministry in its O.M No J-11013/19/2012-IA.II (I) dated 20.03.2012 & O.M No J-11013/19/2012-IA.II (I) dated 29.08.2013 clearly mentioned about online uploading of documents viz. Form-1, Pre-feasibility reports, EIA/EMP, Public Hearing minutes, study reports, information sought by EAC/SEAC, ToR/EC letter and other documents, pertaining to a project for grant of ToR/EC and made available in public domain.
- i) It is observed that the Letter of Intent and Cluster Certificate is not available online at ToR stage for all the proposals mentioned in Appeal No 263 & 264. In the following cases EC has been granted but the online system is showing as ToR in awaiting status. It suggests that ToR letters were not issued/uploaded online. Details as below:

Appeal No.	File No.	Project Name	Proposal No.	REI A	Area (in Ha)	Online Status
263	4404-4510	M/s New Eoan Associates	SIA/UP/MIN/29418/2018	REI A-1	24.291	Awaiting ToR
263	4384-4512	M/s Eureka Mines and Minerals LLP	SIA/UP/MIN/29419/2018	REI A-2	16.194	Awaiting ToR
263	4406	M/s Harihar Minerals LLP (SIA/UP/MIN/28370/2018)	SIA/UP/MIN/29422/2018	REI A-2	12.145	Awaiting ToR
263	4335	M/s Chaudhary Int Udyog	SIA/UP/MIN/29573/2018	REI A-4	13	Awaiting ToR
263	4437	M/s Satyam Construction	SIA/UP/MIN/28562/2018	REI A-1	36.437	Awaiting ToR

- ii) It has been observed that PP has applied for EC but did not upload the complete REIA online due to size restrictions. The SEIAA did not raise any query and accepted the EC applications. Although there is a size restriction but the PP has an option to upload the REIA in parts but the same was not done. SEIAA also have option to request NIC for increasing the size limit but no documentary evidence regarding efforts taken by SEIAA is produced before the EAC. This suggests that the complete information was not made available online. However, on 15.11.2018 based on the joint meeting, SEIAA raised query to upload the EIA reports of the individual project and PP uploaded the same on 16.11.2018.

For the following projects, online information viz. application and letter for EC is not available.

Appeal No.	File No	Project Name	Proposal Number	REIA	Area (In Ha)	Online Status
263	4437	M/s Satyam Construction	SIA/UP/MIN/28562/2018	REIA-1	36.437	No Record Found
263	4439-4528	M/s Disha Enterprises	SIA/UP/MIN/28574/2018	REIA-1	36.437	No Record Found
263	4529	M/s Yadav And Sons	SIA/UP/MIN/28494/2018	REIA-2	12.145	No Record Found
263	4438-4533	M/s New Praveera Infrahight Private Limited (4438)	SIA/UP/MIN/28568/2018	REIA-2	20.242	No Record Found
263	4446-4534	Shri Rahul Kumar Gupta	SIA/UP/MIN/28608/2018	REIA-2	36.437	No Record Found
263	4420-4531	M/s Kanhaiyalal And Sons (4420)	SIA/UP/MIN/28402/2018	REIA-2	29.554	No Record Found
263	4426-4532	M/s Kamalnath Enterprises Private Limited (4426)	SIA/UP/MIN/28470/2018	REIA-2	36.437	No Record Found
263	4433-4538	M/s Shri Construction	SIA/UP/MIN/28510/2018	REIA-2	36.437	No Record Found

This reflects that the relevant information including EC letter was not uploaded on the website as required by Ministry's O.Ms.

- e) The REIA was de-segregated into individual EIAs. The minimum and maximum lease area is 12.145 Ha and 36.737 Ha respectively. These lease are sand mining and have the possibility of annual replenishment. The REIA has a special connotation while individual EIA is very site specific. It is scientifically accepted that REIA is a sound appraisal process, but the EIA Notification 2006 (as amended) refers consideration of cumulative impacts of the Cluster.

The DMG, UP did not define the size of cluster, did not prepare the mine plan and EMP for cluster, did not prepare the Regional Mine Plan including all the cluster in contiguity.

In addition to this, although these mining leases are forming cluster but individual clusters are not contiguous, so the cluster impact would have been

preferred instead of Regional Approach. However, if the critical conditions has been considered to meet the objective of EIA notification, either of the cluster or regional aspect may be acceptable, provided all aspect have been scientifically considered.

- f) The public hearing (PH) is a stage after TOR is issued for preparation of EIA as per the EIA notification 2016. It has been observed that this has not been in agreement in some project appraised by SEIAA/SEAC. The details are as below:
- g) Proposals in which advertisement of PH was issued before the grant of Term of Reference (ToR):

Appeal No.	File No	Project Name	Proposal No.	Study Report No.	LoI Date	Date of ToR	Base Line	Date of Adv	Date of PH
264	4358	MS VIKAS ENTERPRISE	SIA/UP/MIN/27821/2018	REIA-3	07.06.2018	20-Aug-18	Mar-May-18	17-Aug-18	18-Sep-18
264	4376	MS BABA BHOLENA TH TRADARS	SIA/UP/MIN/27993/2018	REIA-2	11-Jun-18	20-Aug-18	Mar-May-18	17-Aug-18	18-Sep-18
264	4337	M/S AWASTHI TRADERS	SIA/UP/MIN/27752/2018	REIA-4	7-Jun-18	19-Sep-18	Mar-May-18	17-Aug-18	20-Sep-18

- h) Projects in which Public Hearing was conducted based on standard ToR.

Appeal No.	File No	Project Name	Proposal No.	Study Report No.	LoI Date	Date of ToR	Base Line	Date of Adv	Date of PH
263	4510	M/s New Eoan Associates	SIA/UP/MIN/29418/2018	REIA-1	18-Jun-18	NIL	Mar-May-18	17-Aug-18	19-Sep-18
263	4512-4384	M/s Eureka Mines and Minerals LLP	SIA/UP/MIN/29419/2018	REIA-2	27-Jan-18	NIL	Mar-May-18	17-Aug-18	19-Sep-18
263	4406	M/s Harihar Minerals LLP	SIA/UP/MIN/29422/2018	REIA-2	8-May-18	NIL	Mar-May-18	17-Aug-18	19-Sep-18
263	4335	M/s Chaudhary Int Udyog	SIA/UP/MIN/29573/2018	REIA-4	27-May-18	NIL	Mar-May-18	22-Aug-18	26-Sep-18

263	4437	M/s Satyam Construction	SIA/UP/MIN/28562/2018	REIA-1	18-Jul-18	NIL	Mar-May-18	3-Sep-18	5-Oct-18
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- i) The Committee was of the view that ToR is a stage where scoping of the project is done for preparation of EIA/EMP Report. This is the stage wherein the SEAC can prescribe additional ToR and even reject the proposal, if required.

Although there is a provision of Standard ToR. But in the Minutes of meeting and in ToR issued for some project, preparation of Regional EMP has been prescribed.

EAC is of the view that Public Hearing is a stage after scoping as per EIA Notification 2006 and EIA/EMP needs to be prepared based on the ToR (Standard/prescribed by SEAC) issued by the SEIAA.

Appeal No.	File No	Project Name	Proposal No.	Study Report No.	LoI Date	Date of ToR	Base Line	Dat of Adv	Date of PH
263	4528	M/s Disha Enterprises	SIA/UP/MIN/28574/2018	REIA-1	24-Jul-18	13-Nov-18	Mar-May-18	3-Sep-18	5-Oct-18
263	4529	M/s Yadav And Sons	SIA/UP/MIN/28494/2018	REIA-2	24-Jul-18	13-Nov-18	Mar-May-18	3-Sep-18	5-Oct-18
263	4533	M/s New Praveera Infraheight Private Limited (4438)	SIA/UP/MIN/28568/2018	REIA-2	26-Jul-18	13-Nov-18	Mar-May-18	3-Sep-18	4-Oct-18
263	4534	Shri Rahul Kumar Gupta	SIA/UP/MIN/28608/2018	REIA-2	24-Jul-18	13-Nov-18	Mar-May-18	3-Sep-18	4-Oct-18
263	4531	M/s Kanhaiyalal And Sons (4420)	SIA/UP/MIN/28402/2018	REIA-2	18-Jul-18	22-Oct-18	Mar-May-18	3-Sep-18	4-Oct-18
263	4532	M/s Kamalnath Enterprises Private Limited (4426)	SIA/UP/MIN/28470/2018	REIA-2	18-Jul-18	22-Oct-18	Mar-May-18	3-Sep-18	4-Oct-18

263	4538	M/s Shri Construction	SIA/UP/MIN/28510/2018	REIA-2	26-Jun-18	13-Nov-18	Mar-May-18	3-Sep-18	4-Oct-18
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- ii) It was observed that in some cases the baseline data was collected before the grant of Letter of Intent (LoI) and data collection is even before date of e-auction (20.06.2018). SEAC member was not able to clarify whether the data was collected within the provision of OM issued by MoEF&CC, wherein baseline data can be collected before the grant of ToR or data generated in a specified time period can be used for the purpose. Therefore, apprehension on the reliability of the baseline data used for the study was observed by the committee for following projects:

Appeal No.	File No	Project Name	Proposal No.	Study Report No.	LoI Date	Date of ToR	Base Line	Date of Adv	Date of PH
263	4437	M/s Satyam Construction	SIA/UP/MIN/28562/2018	REIA-1	18-Jul-18	24-Aug-18	Mar-May-18	3-Sep-18	5-Oct-18
263	4528	M/s Disha Enterprises	SIA/UP/MIN/28574/2018	REIA-1	24-Jul-18	13-Nov-18	Mar-May-18	3-Sep-18	5-Oct-18
263	4529	M/s Yadav And Sons	SIA/UP/MIN/28494/2018	REIA-2	24-Jul-18	13-Nov-18	Mar-May-18	3-Sep-18	5-Oct-18
263	4533	M/s New Praveera Infraheight Private Limited (4438)	SIA/UP/MIN/28568/2018	REIA-2	26-Jul-18	13-Nov-18	Mar-May-18	3-Sep-18	4-Oct-18
263	4534	Shri Rahul Kumar Gupta	SIA/UP/MIN/28608/2018	REIA-2	24-Jul-18	13-Nov-18	Mar-May-18	3-Sep-18	4-Oct-18
263	4531	M/s Kanhaiyalal And Sons (4420)	SIA/UP/MIN/28402/2018	REIA-2	18-Jul-18	22-Oct-18	Mar-May-18	3-Sep-18	4-Oct-18
263	4532	M/s Kamalnath Enterprises Private Limited (4426)	SIA/UP/MIN/28470/2018	REIA-2	18-Jul-18	22-Oct-18	Mar-May-18	3-Sep-18	4-Oct-18
263	4538	M/s Shri Construction	SIA/UP/MIN/28510/2018	REIA-2	26-Jun-18	13-Nov-18	Mar-May-18	3-Sep-18	4-Oct-18

- j) Certain technical issues including appraisal of impact prediction with regard to baseline data of water, noise and air considered in the report raises apprehension on its reasonability. Some of the examples are as follows:

Comments on REIA-1 to 5

- i) In the **REIA-1 at Page No III-4**, mentioned that in the DSR of Hamirpur and Jalaun, Betwa has a 132 km and 28 km stretch in the districts respectively, which has almost 10,000 ha mineable areas and which are administratively carved in 166 mining leases in Hamirpur and 72 mining lease in Jalaun. But PP has provided details of only 11 mining leases (8 B1 Category and 3 B2 Category).

In the **REIA-2 at Page No 1-5** it has mentioned that the total mine lease area is 631.51 ha (inclusive of upcoming projects for which Public Hearing/EC is awaited) and the total annual production will be 9903658 cum/annum (inclusive of upcoming projects for which Public Hearing/EC is awaited).

In **REIA-3 at P.1-5** it has mentioned that the total mine lease area is 172.19 Ha (inclusive of upcoming projects for which Public Hearing/EC is awaited) and the total annual production will be 2667547.0 (inclusive of upcoming projects for which Public Hearing/EC is awaited) cum/annum. In the DSR of Hamirpur, Yamuna has a 75 km stretch in the district, which has 5600 ha mineable areas and which are administratively carved in 07 and 3.28 ha which has 213 ha area carved out in 12 mining leases. Many of these leases constitute cluster (as per notification 1st July 2016), with potential cumulative environmental impacts.

In **REIA-4 at P. No 1-5** it is mentioned that the total mine lease area is 204.03 Ha (inclusive of upcoming projects for which Public Hearing/EC is awaited) and the total annual production will be 3497448.0 cum/annum (inclusive of upcoming projects for which Public Hearing/EC is awaited). In the DSR of Banda and Hamirpur, Ken has a 143 and 21 km stretch in the districts respectively, which has almost 5921.0 ha mineable areas and which are administratively carved in 08 mining leases in Hamirpur and 37 mining lease in Banda. Many of these leases constitute cluster (as per notification 1st July 2016), with potential cumulative environmental impacts.

In **REIA-5 at P. No 1-5** it is mentioned that the total mine lease area is 279.08 Ha and the total annual production will be 46,98,000.0 cum/annum. In the DSR of Kaushambi Yamuna has 81 km stretch in the district, which has 3541 ha mineable areas and which are administratively carved in 121 mining leases.

The EAC is of the view that there are many mining lease as per DSR but all impact of all mining lease as per DSR were not considered in Regional EIA Report (1 to 5). Only

a specific portion of the river stretch was considered and mainly those mining leases were considered for which consultant has a work order from the Project Proponent.

- ii) The PP in REIA (1 to 5) mentioned that ***"The proposal for REIA has been put forth during various TOR presentations and detail outline was explained and SEAC was agreed with the proposal. The standard TOR will form the basis of this REIA as no additional TORs were issued by the SEAC, Uttar Pradesh.*** The EAC was of the view that when the preparation of REIA was agreed by the SEAC U.P. then why, in the joint meeting held during November 2018, the SEAC did not accept the REIA and asked the PP to submit the individual EIA.

Member SEAC informed that REIA is not as per provision of EIA notification, therefore PPs were asked for submission of individual EIA.

Further, SEAC has not prescribed preparation of Regional EIA in the ToR issued to 31 projects out of 36 Proposals.

- iii) PP in their reports (for example at page no 1-24 of REIA-1) provided a section about carrying capacity but these reports did not bring out what would be the carrying capacity of the area, how many mines and at what would be the production capacity that can be accommodated in the given region selected for REIA (1 to 5).
- iv) The EAC observed that Structure of these Regional EIA Reports is not as per Annexure-III of EIA Notification 2006. For example in Chapter No 4 (Anticipated Environmental Impacts & Mitigation Measures) impact on the air environment was not addressed properly rather GLCs values of various pollutants are mentioned in chapter no 7 (Additional Studies which includes Public Consultation, Risk assessment and Social Impact Assessment. R&R Action Plans as per EIA Notification 2006). In addition to this, Chapter No 5 [Analysis of Alternatives (Technology & Site)] & Chapter No 9 [Environmental Cost Benefit Analysis] are required only if prescribed at scoping stage. The consultant has not quantified the impact in chapter 4 (Anticipated Environmental Impacts & Mitigation Measures). The PP in REIA-1 at page no 1-32 mentioned that *"This report is based on scientific principles and professional judgment with resultant subjective interpretation. Professional judgments expressed herein are based on the available data/comments/feedback/modifications and comments from Functional Area Experts and finally compiled by EIA Coordinator."* But it was observed that in Chapter-12 (Disclosure of Consultants engaged) all the person whose name are mentioned there in the REIA (1 to 5) have not validated the report by appending their signature. Thus, Structure of REIA reports is not as per Appendix-III of EIA Notification 2006 and the persons associated with the preparation of REIA did not validated these reports.

- v) The EAC observed that all the mines in cluster as per cluster certificate issued by DMG, UP are not covered in these Regional EIAs.

For example, PP in REIA-1 from P 2-59 to 2-107 shows the lease wise project description but details of M/s Hardik Distributor, M/s DigiYana (4523), M/s Kuber Kamana (4497), M/s Sharc Infracon, M/s Alpin Resource (4444), M/s Ranchor Pvt Ltd (4587) and M/s MT International are not available which are as per cluster certificate submitted by DMG are falling within 500 meters of the mining lease for which this report was prepared. Thus, the cluster situation as per S.O. 141(E) dated 15.01.2016 is not strictly taken into account rather report is more focused on regional scenario.

The impact of individual mines and mines in cluster are pre-requisite for assessing the regional impact, and this is not supported in the report.

- vi) The photographic evidence submitted for air quality monitoring is same at different locations viz. AQ-4 BENDA DARIYA- REIA-1) & (AQ-14 BERI- REIA-2); (AQ-5 PATHRETA - REIA-2) & (AQ-9 Khaptiha Kalan- REIA-4); (AQ-11 Bilahpur- REIA-3) & (AQ-15 Bhurendi- REIA-4). The photograph clearly shows that at the same physical location different monitoring stations of different Regional EIA were shown. This raise question on the authenticity of actual data collection in the field.

Further, EAC observed that the data collection from 115 locations within a short span of 3 months is a challenge, generates apprehension on the data collection exercise and the reliability of data. This requires clarification from the PP, if not considered by SEAC, during assessment.

- vii) The EAC has observed there are certain deviation from the conventional method for calculating incremental air pollution load in **REIA-1, REIA -2 and REIA 4 and also mismatch in the graphical depiction**. So, there are probability that the worst case scenario may not have been considered while appraising the projects based on REIA reports and presentation.
- viii) The Committee observed that Matrix of Weighted Magnitudes for each impacting factor on each environmental component of REIA-1 [P.4-64], REIA-2 [P.4-67], REIA-3 [P.4-62], REIA-4 [P.4-64] & REIA-5 [P.4-62/63] have been considered same, even the mining lease area and production capacity (as tabulated below) is different resulting in different impact factor for associated activities. Further, the reports suggest that there is no impact on air and noise quality,

Regional EIA	Area (in Ha)	Production (m3)	Number of Mining leases
REIA-1	303.64	5456724	11 (8 B1+ 3 B2)
REIA-2	631.51	9903658	31 (21 B1 & 10 B2)

REIA-3	172.19	2667547	8 (5 B1+ 3 B2)
REIA-4	204.03	3497448	11 (9 B1 + 2 B2)
REIA-5	279.08	469800	11 (7 B1+ 4B2)

- ix) The EAC observed that there is no consideration reflected in the process, where SEIAA/SEAC has explore the possibility to optmize the production capacity or traffic route to contain the Level of Service in REIA-2 getting Very Poor.
- x) The Soil analysis has been done for the buffer zone and soil grain size analysis has not been done for the core zone. The EAC is of the view that it is also necessary to know the sand grain size quality and its grain size distribution in the core zone to estimate the % of sand and its quality available in the riverbed. The impact on the Soil is also due to transportation of minerals but soil sampling for the transportation route and land on the both side of the road has not specifically mentioned.
- xi) The EAC is of the view that large area was covered in Regional EIA Reports and for biological assessment more number of quadrants are required. But in the instant case PP/consultant in all the reports (REIA 1 to 5) made the biological assessment based on the 10 quadrants of 10x 10 meters. For example, in REIA-1 [P. 3-113 to 3-125] the biological assessment of the study area was done wherein Quadrant of 10 x 10 meters was formed. The total number of quadrant formed was 10 in nos. Further, the total mine lease area reported by PP in the regional study area-1 is 303.64 Ha and considering its buffer zone the study area will be much more than 303.64 ha. Thus, the no of quadrants formed for biological assessment is not suffienct to represent the complete study area. PP/consultant has also not shown the grid map to show the extent of area covered by these quadrants and location of quadrants.
- xii) The EAC observed that the list of flora & fauna in core & buffer zone is not duly authenticated by Forest Department.
- The Ministry has analyzed the KML file submitted for these mining projects and observed that projects are not falling within 10 KM of the protected area.
- xiii) It was also observed that in REIA-3 & REIA-4 presence of schedule-1 species 'Pea fowl' has been mentioned but the wildlife conservation plan for the same has not been prepared and approved from Chief Wildlife Warden.
- xiv) The Committee has observed that extraction of sand depends on replenishment of the sand in the river bed. Sand replenishment depend on level difference between pre and post monsoon survey. EC permits depth of mining as 3 meters but, the reference level has not been defined. In absence of any bench level defined in EC, the mining quantity is difficult to regulate and will be a challenge to verify the depth of mining during EC compliance

monitoring of the project (eg. M/s Disha Enterprises the max & min level of mining lease area is 117 mRL & 113 mRL respectively. The zero level/water level is mentioned as 109 m RL. It is not clear in the EC that mining will be 3 meters below the maximum RL /Minimum RL.)

xv) The EAC observed that many of the individual EIAs reports are derived from the information available in REIA report.

3. Based on the information submitted by SEIAA, Uttar Pradesh and DMG, Uttar Pradesh and discussion held during the meeting, the EAC has following observations:

a. There are certain deviations in the process adopted for grant of EC from the process stipulated in EIA Notification 2006.

- (i) Public hearing has been carried out before issuance of ToR,
- (ii) The clusters have not been defined properly and cumulative impact of individual projects has not been properly integrated.
- (iii) The information were not made available in public domain at appropriate time in compliance to the notification provisions
- (iv) Base line data collection with regard to Soil and Air could have been reviewed more articulately.
- (v) Wild life conservation plan has not been prepared an submitted.

b. Significant procedural lapses to the provision of EIA notification has been observed for few projects and has been broadly classified as follows:

- (i) Project where Public hearing were conducted before issuance of ToR
- (ii) Projects where EIA/EMP reports are not as per Standard ToR
- (iii) Projects where wild life conservation plan was required and has not been considered
- (iv) Project where baseline data prior to the LoI date has been used, provided the consultant is able to satisfactory explain its compliance to MoEF&CC OM having provision of use of previous data.
- (v) The projects where discrepancy in the land area has been observed in the EIA report and the area reported by DGM.

c. The EC conditions for all the projects is required to be amended by appending additional conditions arising due to either monitoring requirement (viz. fixing mining bench level) or minor scientific

precautionary oversights (viz. Soil profiling, re-validation of air pollution impact assessment)

- d. It seems from the submission and deliberation that SEIAA and SEAC have taken certain decision in hurry to comply with time period specified in EIA notification. This has resulted in lapses on procedural aspects as well as technical and scientific assessment of the reports. Therefore, capacity building of technical support system of SEIAA and SEAC is utmost required to overcome such concerns in future projects.

(2.3). Enhancement of production capacity of Iron Ore from 4.50 million TPA (2.85 million TPA ROM iron ore + 1.65 million TPA low grade iron ore from old low grade ore stacks & dumps) to 8.06 million TPA (7.0 MTPA ROM Iron Ore + dry screening and crushing of 1.06 MTPA low grade iron ore from old dumps/stacks within lease area) and installation of wet beneficiation plant of 1.44 Million TPA (for which EC is already granted) of M/s Rungta Sons Pvt. Ltd., located at villages Sanindpur & Oraghat, Tehsil – Koira, District – Sundargarh, Odisha (MLA 147.10ha) (Proposal No: IA/OR/MIN/90577/2012; Consultant: M/s Ecomen Laboratories Pvt. Ltd.)-Consideration of EC.

The proposal of M/s Rungta Sons Pvt. Ltd. is for enhancement of production capacity of Iron Ore from 4.50 million TPA (2.85 MTPA ROM Iron ore + 1.65 MTPA of low grade iron ore from old low grade ore stacks & dumps) to 8.06 million TPA (7.0 million TPA Iron ore (ROM) + dry screening and crushing of 1.06 million TPA low grade iron ore from old dumps/stacks within lease area) and installation of wet beneficiation plant of 1.44 million TPA for which EC is already granted. The mine is located in village(s) Sanindpur and Oraghat, Koira Tehsil, Sundargarh District, Odisha. The mine lease area is bounded by Latitude and Longitude of 21° 55' 54.91" to 21° 55' 18.2" N & 85° 17' 19.75" to 85° 18' 29.95" E in Survey of India Toposheet No.73G/5 (F45N5). The PP presented the KML file during the presentation to indicate the location of mine lease on Google Earth/ DSS.

The proposal of TOR was earlier considered by the Expert Appraisal Committee in its meeting held during September 28-29, 2018 to determine the Terms of Reference (TOR) for undertaking detailed EIA study. The TOR was issued by the Ministry vide letter no. J-11015/107/2018-IA-II (M) dated 12th October 2018. The PP submitted the EIA/EMP Report online to Ministry for seeking environmental clearance.

The project proponent (PP) submitted that the total lease area is 147.10 hectares. Out of 147.10 ha, 126.324 ha is forest land and 20.776 ha is non-forest land. The lessee has obtained forest clearance for 68.135 ha i.e., 52.742 ha vide Ministry's letter no. 8-135/2003-FC dated 19.06.2006 and further for 15.393 ha (including 4.325 ha. of forest land to be maintained as safety zone) vide Ministry's letter No. 8-135/2003-FC (vol.), dated 24.10.2013. The remaining 58.189 ha

**GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(IMPACT ASSESSMENT DIVISION)
NON-COAL MINING SECTOR**

SUMMARY RECORD OF 4th MEETING OF THE COMMITTEE OF THE EXPERT APPRAISAL COMMITTEE FOR ENVIRONMENTAL APPRAISAL OF NON-COAL MINING PROJECTS CONSTITUTED UNDER THE EIA NOTIFICATION, 2006.

The 4th meeting of the Expert Appraisal Committee for Environmental Appraisal of Mining Projects (Non-Coal) of the Ministry of Environment, Forest and Climate Change was held during **April 23-24, 2019**. The list of participants is annexed herewith. After welcoming the Committee Members, discussion on each of the Agenda Items was taken up ad-seriatim.

(1.1) Deliberation & Circulation on the Minutes of the 3rd EAC Meeting held during March 25-26, 2019:

The Minutes of the 3rd Meeting of EAC held during **March 25-26, 2019** were circulated to the members of the Committee. The Committee made brief deliberations on the proposals placed in the last meeting and confirm the same except for Agenda 2.1 and 2.2, which is considered as a table agenda in this meeting with permission of chair.

DAY 1: April 23, 2019 (Tuesday)

(2.1). Gorumahisani Iron Ore Mines of M/s. Ghanashyam Misra And Sons Pvt Ltd for enhancement of Iron ore production from 0.75 million TPA to 1.1 million TPA located at villages of Kuliesilla, Badamouda, Sanamouda, Sundhal, Balitangi, Nodhabani and Gorumahisani Reserve Forest under Badamghaty Sub-division of Dist-Mayurbhanj, Odisha (MLA 349.50 ha) (Proposal No: IA/OR/MIN/91592/2008; File No: J-11015/68/2018-IA.II(M))- Consideration of EC

The project proponent **did not attend** the meeting and informed their absence through the email. The Committee **deferred the proposal** and is also of the view that the PP needs to make a request to Ministry for further considering/placing the proposal in EAC meeting.

Sindhudurg, Maharashtra [File No. J-11015/1045/2007-IA-II(M); Proposal No. IA/MH/MIN/50374/2016]-ToR Extension Reg.

The proposal of M/s. GOGTE Minerals is for extension of ToR granted on 29.04.2016. The PP did not attend the meeting the Committee therefore **deferred the proposal** and asked the Ministry of examine the proposal in pursuant to Ministry's O.M. J-11013/41/2006-IA-11 (I) (Part) 29.08.2017 and take the action accordingly.

(3.0).Table Agenda with permission of Chair

3.1. Agenda item no. 2.1 & 2.2 of 3rd EAC meeting held 25th March 2019

Member Secretary informed the committee that representations have been received from SEAC letter no.56/SEAC/2019 dated 16.04.19, Directorate of Geology and Mining (DGM-UP), UP dt. 18.04.2019 and from M/s. ENV Developmental Assistance Systems (India) Pvt. Ltd., dt. 22.04.2019 in reference to Summary record posted as Minutes of Meeting of 3rd meeting of the EAC – NON Coal mining projects, on the agenda item no. 2.1 & 2.2, wherein appraisal of 24 ECs for Minor minerals granted by SEIAA, UP as mentioned in the Appeal No. 264 of 2018 and 12 ECs for Minor Minerals for which EC was granted by SEIAA, Up as mentioned in Appeal no/ 263/2018 in the matter of Amit Upadhayay Vs State Level EIA authority & Otrs before Hon'ble NGT. The representation highlights some clarification and additional submissions, which may be looked into by the committee, before the report is prepared by MOEF&CC for its submission to Hon'ble NGT.

The information submitted in the representation requires to be confirmed from the available documents with MoEF&CC and will require some time.

In view of above, it was submitted by Member Secretary that the matter may be considered in next meeting of EAC, due in May 2019, and if agreed, necessary communication to official of CPCB will be made to be present in next meeting to deliberate on the matter in light of Hon'ble NGT order. It was also proposed to inform officials of SEAC, SEIAA, DGM-UP to put their submission before the committee, if any, in reference to the representation. In the meantime, MoEF&CC will look into the content of the representation and submit its findings before the committee. It is also suggested that SEIAA has submitted not all the KML files for the study are in polygon form, till date and in absence of such information, there is some ambiguity. SEIAA may be again requested to submit KML files of all study area in polygon form, as has been requested earlier to Member

Secretary at sundeep.moef@gmail.com within 7 days from date of upload of the MoM.

Recommendation

The committee consented to the proposal of Member Secretary, and requested that the findings against the representation may be made before the committee (parawise) for better deliberation. CPCB officials may be informed accordingly

3.2. Participation of the project proponent during the EAC meeting

The committee observed that complainece of MoEF&CC OM no. J-11015/333/2009-IA.II(M) dt. 25.02.2010 is not being complied by the project proponent. Accordingly, committee directed to communicate all project proponent to comply with the provision of the OM and thereafte presentation before committee will be allowed. It further directed that following may also be communicated through agenda provision by Member Secretary for information and complainece by all project proponent for attending furture EC meetings:

- a. Number of persons allowed for submisson before EAC will be not more than 5, inlcding 2 from Project proponent, 2 from acrediated Consultant and one for assitance to the team.
- b. The PP need to ascertain from the consultant that all the documents has been submitted in the Ministry as per the agenda

The meeting ended with thanks

**GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(IMPACT ASSESSMENT DIVISION)
NON-COAL MINING SECTOR**

SUMMARY RECORD OF 5th MEETING OF THE COMMITTEE OF THE EXPERT APPRAISAL COMMITTEE FOR ENVIRONMENTAL APPRAISAL OF NON-COAL MINING PROJECTS CONSTITUTED UNDER THE EIA NOTIFICATION, 2006.

The 5th meeting of the Expert Appraisal Committee for Environmental Appraisal of Mining Projects (Non-Coal) of the Ministry of Environment, Forest and Climate Change was held during **May 29-30, 2019**. The list of participants is annexed herewith. After welcoming the Committee Members, discussion on each of the Agenda Items was taken up ad-seriatim.

(1.1) Deliberation & Circulation on the Minutes of the 4th EAC Meeting held during April 23-24, 2019:

The Minutes of the 4th Meeting of EAC held during **April 23-24, 2019, 2019** were circulated to the members of the Committee. The Committee made brief deliberations on the proposals placed in the last meeting and confirm the same.

DAY 1: May 29, 2019 (Wednesday)

2.1 Enhancement in the production capacity of SMS grade limestone from 1.25 MTPA to 1.50 MTPA along with ROM handling of limestone from 2.799 MTPA to 3.30 MTPA at operating Sanu-I Limestone Mine (ML No. -27/1996) having ML area of 1000 ha. at village-Joga, Tehsil & District- Jaisalmer (Rajasthan), EC under clause-7(ii) of notification 2006 by M/s. Rajasthan State Mines And Minerals Ltd [File No. J-11015/42/2006. IA. II (M); Proposal No. IA/RJ/MIN/100413/2019; Consultant: M/S Oceao-Enviro Management Solutions (India) Pvt. Ltd.]

The proposal of M/s. Rajasthan State Mines and Minerals Ltd is for grant of Environmental Clearance under para 7(ii) of EIA Notification 2006 for enhancement in the production capacity of SMS grade limestone from 1.25 MTPA to 1.50 MTPA (20% increase) along with ROM handling of limestone from 2.799 MTPA to 3.30 MTPA (17.99% increase) at operating Sanu-I Limestone Mine (ML No. -27/1996) having ML area of 1000 Ha located at village-Joga, Tehsil & District- Jaisalmer (Rajasthan). The PP applied online

viz. photographs (before & after with geo-location date & time), purchase documents, etc. to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during previous year.

2.4. Appraisal of 24 ECs for Minor Minerals granted by the SEIAA, UP as mentioned in the Appeal No. 264 of 2018 and 12 ECs for Minor Minerals for which granted by the SEIAA, UP as mentioned in the Appeal No. 263 of 2018 in the matter of Amit Upadhaya Vs State Level EIA Authority &Ors. before the Hon'ble NGT Delhi.

The proposal mentioned in the above mentioned appeal no 263 & 264 were considered in EAC meeting held on February, 2019, March, 2019 meeting wherein the Committee provided its observations and recommendation. The Minutes of Meeting was uploaded on the website over which SEIAA-UP, DMG-UP and consultant has made representations. Due to this proposal was placed in table agenda item No 3 in April, 2019 meeting wherein the Committee asked the Ministry to invite DMG, UP and SEIAA in the next EAC meeting. The Ministry informed the SEIAA & DMG UP for the same. The SEIAA vide its letter dated submitted that they have already clarified their stand in the affidavit filed to Hon'ble NGT and have no other submission to be made, but if required they will attend the meeting along with the consultant. The Member from CPCB and DMG, UP attended the meeting. During the meeting the details of the proposals were again deliberated by the Committee and representation made by DMG, UP and Consultant was presented to the Committee. The DMG, UP was also asked to verify the details of cluster certificate issued by them. **Based on the discussion held and documents submitted, the Committee is of the view that minutes uploaded for March, 2019 meeting needs modification to bring out factuals, surmounting the ambiguity arising out of interpretation of the information. The clarification and submission of DMG-UP, and information submitted by Consultant is duly assessed and accordingly the observations of EAC made in meeting of March 2019 be modified.**

In addition to this, the Committee is of the view that as these matters are subjudice and MoEF&CC has been directed to file its report to Hon'ble NGT directly along with Central Pollution Control Board, and also these are not regular ToR/EC Proposals, and it was referred to committee to facilitate their views and expertise in order to support MoEF&CC, therefore, the observation of the committee should not be put in public domain till the MoEF&CC submit its report to Hon'ble NGT. Accordingly, the Observations of EAC in the Minutes of Meeting of March 2019 stand modified as decided in this meeting and the modified observations is attached as **Annexure to this MoM** as confidential document, with condition that the same should not be put in public domain or PARIVESH portal, till competent authority in MoEF&CC decides otherwise.

2.5. Total excavation of 3.8 MTPA [Limestone 3.448 MTPA+ Interstitial clay 0.189 MTPA+ Top Soil 0.011 MTPA + Mineral Reject 0.152 MTPA] for expansion of Production of Limestone from 2.0 MTPA to 3.448 MTPA from Karunda Limestone Mine (M.L. No. 03/2003; ML Area 240.86 Ha) Located at Village – Karunda, Tehsil – Nimbahera, District – Chittorgarh (Rajasthan) by M/s. JK Cement Ltd [File No. IA-J-11015/36/2019-IA-II (M); Proposal No IA/RJ/MIN/98520/2019; Consultant: Enkay Enviro]-ToR Regarding.

The Proposal for issuance of Term of Reference for carrying out EIA/EMP of M/s. JK Cement Ltd is for total excavation of 3.8 MTPA [Limestone 3.448 MTPA+ Interstitial clay 0.189 MTPA+ Top Soil 0.011 MTPA + Mineral Reject 0.152 MTPA] in order to expand the production of Limestone from 2.0 MTPA to 3.448 MTPA from Karunda Limestone Mine (M.L. No. 03/2003; ML Area 240.86 Ha) Located at Village – Karunda, Tehsil – Nimbahera, District – Chittorgarh (Rajasthan). The Mining Lease area is a part of the Survey of India Topo-sheet No. 45 L/10. The site falls between Latitude 24°41'23.1" N - 24°42'27.8" and Longitude 74°36'25.4"E - 74°37'12.7" E and falls in seismic zone-II.

2. As per EIA Notification dated 14th September, 2006 as amended from time to time, the project falls under Category "A", Project or Activity 1(a) as the Mining lease area is more than 100 Ha. The PP applied online vide

F.No. L-11011/6/2019-1A. II (M)
Government of India
Ministry of Environment, Forest and Climate Change
Impact Assessment Division

Indira Paryavaran Bhavan,
Vayu Wing, 3rd Floor, Aliganj,
Jor Bagh Road, New Delhi-110 003

Dated: 14th January, 2019



To,

The Director,
Department of Mining and Geology Uttar Pradesh,
Khanij Bhawan, 27/8,
Raja Ram Mohan Rai Marg,
Lucknow-226001
Email: dgmupexp@gmail.com, anil.kumar.sharma.smo@gmail.com
Fax: 0522-2205909

Subject: Order dated 17.12.2018 of Hon'ble NGT, Delhi in Appeal No. 263/2018 & 264/2018 in the matter of Amit Upadhaya vs State Level Environmental Impact Assessment Authority & Ors. - Information Regarding

Sir,

This has reference to above mentioned order dated 17.12.2018 (Annexure-1) of Hon'ble NGT, New Delhi wherein it has inter-alia mentioned that "***We also direct the Ministry of Environment, Forest and Climate Change (MoEF&CC) to examine the matter and furnish their detailed report about legality of the procedure followed***". In addition to this, the Hon'ble NGT in its order dated 17.12.2018 in Appeal No. 264/2018 in the matter of Amit Upadhaya vs State Level Environmental Impact Assessment Authority & Ors. mentioned that MoEF&CC to submit an identical report in this case also.

2. In context of the above, it is requested please provide the details of mining leases falling within 500 meters of the mining leases for which ECs were granted vide SEIAA, Uttar Pradesh (appeal no 263/2018) (**Annexure-2**) and forming a cluster situation as per S.O. 141(E) dated 15.01.2016 and S.O. 2269(E) dated 1.07.2016. It is requested to provide i) the details in the attached format (**Annexure-3**) and ii) copies of cluster certificate issued by DMG in respect of proposal in question, if any, at the earliest so that the report can be submitted to Hon'ble NGT on time.

3. This issued with the approval of Competent Authority.

Encl: As above

Yours faithfully,

(Dr. R. B. Lal)

Scientist-'E'/ Adfl. Director

Email: rb.lal@nic.in

Phone/Fax: 011-24695362

Copy to:

1) **Member Secretary,**

State Level Environment Impact Assessment Authority (SEIAA), UP

Uttar Pradesh Pollution Control Board,

Building No TC-12V, Vineet Khand, Gomti Nagar,

Lucknow, Uttar Pradesh-2260106

Email: ms@uppcb.com

Item No. 08

Court No. 1

BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI

Appeal No. 263/2018
(M.A. No. 1772/2018)

Amit Upadhaya

Appellant(s)

Versus

State Level Environmental Impact
Assessment Authority & Ors.

Respondent(s)

Date of hearing: 17.12.2018

CORAM: HON'BLE MR. JUSTICE ADARSH KUMAR GOEL, CHAIRPERSON
HON'BLE MR. JUSTICE S.P. WANGDI, JUDICIAL MEMBER
HON'BLE MR. JUSTICE K. RAMAKRISHNAN, JUDICIAL MEMBER
HON'BLE DR. NAOMI NANDA, EXPERT MEMBER

For Appellant(s):

Mr. Vanshdeep Dalmia, Advocate

ORDER

1. This appeal has been preferred under Section 16 of the National Green Tribunal Act, 2010 against Environmental Clearance granted to mines in Category I and Category II based on the report of the Regional Environment Impact Assessment Authority, which is not permissible under the EIA Notification dated 14.09.2006. The said Regional EIAs were rejected on 14.11.2018 and fresh individual EIA reports were directed to be furnished. Without such reports being furnished, Environmental Clearance has been granted based on extract of the rejected Regional EIAs.
2. In view of above, *prime-facie*, the grant of Environmental Clearance does not appear to be consistent with law.

4. In the meanwhile, the Environmental Clearance may not be proceeded with.
5. Reports may be furnished to this Tribunal within one month by e-mail at ngt.filing@gmail.com.
6. Copy of this order be sent by e-mail the MoEF&CC as well as to the State Level Environment Impact Assessment Authority.
7. The applicant may also furnish complete set of papers to the MoEF&CC as well as to the State Level Environment Impact Assessment Authority and file an affidavit of compliance within one week from today.

List for further consideration on 25.02.2019.

Adarsh Kumar Goel, CP

S.P. Wangdi, JM

K. Ramakrishnan, JM

Dr. Nagin Nanda, EM

December 17, 2018
Appeal No. 263/2018
(M.A. No. 1772/2018)
R

Item No. 09

Court No. 1

BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI

Appeal No. 264/2018
(M.A. No. 1773/2018)

Amit Upadhaya

Appellant(s)

Versus

State Level Environmental Impact
Assessment Authority & Ors.

Respondent(s)

Date of hearing: 17.12.2018

CORAM: HON'BLE MR. JUSTICE ADARSH KUMAR GOEL, CHAIRPERSON
HON'BLE MR. JUSTICE S.P. WANGDI, JUDICIAL MEMBER
HON'BLE MR. JUSTICE K. RAMAKRISHNAN, JUDICIAL MEMBER
HON'BLE DR. NAGIN NANDA, EXPERT MEMBER

For Appellant(s): Mr. Aviruddha Deshmukh, Advocate

ORDER

In view of order passed today in *Appeal No. 263/2018, Amit Upadhaya Vs. State Level Environmental Impact Assessment Authority & Ors.*, there will be an identical order in the present case and an identical report be furnished by the MoEF&CC as well as the State Level Environment Impact Assessment Authority to this Tribunal by e-mail at ngt.filing@gmail.com.

List for further consideration on 25.02.2019.

Adarsh Kumar Goel, CP

S.P. Wangdi, JM

Sr. No.	Proposal Number	Project proponent	EC Letter No.	Khand No./Ger. No.	District	Tehsil	Village	Annexure-2	
								Area (Ha)	
1	SIA/UP/MIN/29418/2018	M/S New Egan Associates	502/parya/SEAC/4510-4404/2018 dated 24.11.2018	26/3	Hamiapur	Sarfa	Chonewari	24.291 Ha	
2	SIA/UP/MIN/29419/2018	M/S Bureka Mines and Minerals LLP	501/parya/SEAC/4512-4384/2018 dated 24.11.2018	747	Jalain	Kalpa	Padmeta	15.194 Ha	
3	SIA/UP/MIN/29422/2018	M/S Harihar Minerals LLP	500/parya/SEAC/4513-4406/2018 dated 24.11.2018	23/19	Hamiapur	Sarfa	Bhedli Khari	12.145 Ha	
4	SIA/UP/MIN/29573/2018	M/S Chamdhari Int Udyog	517/parya/SEAC/4535/2018 dated 24.11.2018	4	Banva	Pallani	Sadi Khadia	13.0 Ha	
5	SIA/UP/MIN/28562/2018	M/S Sanyam Construction	525/parya/SEAC/4437/2018 dated 24.11.2018	24/9	Hamiapur	Sarfa	Chikol	36.437 Ha	
6	SIA/UP/MIN/28574/2018	M/S Disha Enterprises	528/parya/SEAC/4528-4439/2018 dated 24.11.2018	24/14	Hamiapur	Sarfa	Chikol	36.437 Ha	
7	SIA/UP/MIN/28494/2018	M/S Tadv Abul Sons	527/parya/SEAC/4532-4439/2018 dated 24.11.2018	23/12	Hamiapur	Sarfa	Bhedli Khari	12.145 Ha	
8	SIA/UP/MIN/28598/2018	M/S New Pwscra Infralight Private Limited	525/parya/SEAC/4533-4438/2018 dated 24.11.2018	10/33	Hamiapur	Sadar	Beri	20.242 Ha	
9	SIA/UP/MIN/28608/2018	Smt Rashul Kumar Gupta	523/parya/SEAC/4534-4446/2018 dated 24.11.2018	10/4	Hamiapur	Beri	Beri	36.437 Ha	
10	SIA/UP/MIN/28402/2018	M/S Kantiyallal And Sons	520/parya/SEAC/4532-4420/2018 dated 24.11.2018	19/4	Hamiapur	Maudaha	Teekapur	29.554 Ha	
11	SIA/UP/MIN/28470/2018	M/S Kamalath Enterprises Private Limited	521/parya/SEAC/4532-4426/2018 dated 24.11.2018	19/5	Hamiapur	Maudaha	Teekapur	36.437 Ha	
12	SIA/UP/MIN/28510/2018	M/S Shri Construction	524/parya/SEAC/4536-4433/2018 dated 24.11.2018	18/1	Hamiapur	Sadar	Saturapur	36.437 Ha	

Annexure-3

Sl. No.	EC details	LOI issued on	Area in Ha	Details of Mining lease (homogeneous minerals) within 500 meters of proposed lease area for which EC was granted					Cluster Certificate Issued by DMS or not. If yes provide details (Lr No in detail) and submit a copy of the same		
				Area (Ha)	Date of issue of LOI	Lease granted or not. If yes date of grant of lease	Quantity lease granted after 09.09.2013 Yes/No	Lease was not in operation Yes/No		EC Granted or not. If yes, date of grant of EC	
1				Lease-1							
				Lease-2							
				Lease-3							
2				Lease-1				Yes/No	Yes/No		
				Lease-2							
				Lease-3							

F.No. L-11011/6/2019-IA. II (M) (Pt)
Government of India
Ministry of Environment, Forest and Climate Change
Impact Assessment Division



Indira Paryavaran Bhavan,
Vayu Wing, 3rd Floor, Allganj,
Jor Bagh Road, New Delhi-110 003

Dated: 14th January, 2019

To,

Member Secretary,
State Level Environment Impact Assessment Authority (SEIAA), UP
Uttar Pradesh Pollution Control Board,
Building No TC-12V, Vineet Khand, Gomti Nagar,
Lucknow, Uttar Pradesh-2260106
Email: ms@uppeb.com

Subject: Order dated 17.12.2018 of Hon'ble NGT, Delhi in Appeal No. 263/2018 & 264/2018 in the matter of Amit Upadhaya vs State Level Environmental Impact Assessment Authority & Ors. - Information Regarding

Sir,

This has reference to Hon'ble NGT Order dated 17.12.2018 in Appeal No. 263/2018 (Annexure-1) of Hon'ble NGT, New Delhi wherein it has inter-alia mentioned that *"We also direct the Ministry of Environment, Forest and Climate Change (MoEF&CC) to examine the matter and furnish their detailed report about legality of the procedure followed"*. In addition to this, the Hon'ble NGT in its order dated 17.12.2018 in Appeal No. 264/2018 in the matter of Amit Upadhaya vs State Level Environmental Impact Assessment Authority & Ors. mentioned that MoEF&CC to submit an identical report in this case also.

2. In context of the above, it is requested please provide the complete details & documents viz. Form-1, PFR, EIA/EMP, Regional EIA, Minutes of Meeting, KML file, Cluster Certificate, ToR letter, inspection report if any, pertaining to proposals referred in appeal no 263/2018 (**Annexure-1**) for which ECs were granted by SEIAA, Uttar Pradesh. Please ensure that information needs to be provided proposal wise and soft copy of the same may also be sent on email id rb.lal@nic.in and amit.vashishtha@nic.in. In addition to this, please also provide the information in the attached format (**Annexure-2**) also at the earliest so that the report can be submitted to Hon'ble NGT on time.

3. This issued with the approval of Competent Authority.

Encl: As above

Yours faithfully,


(Dr. R. B. Lal)

Scientist-'E'/ Addl. Director

Email: rb.lal@nic.in

Phone/Fax: 011-24695362

Item No. 08

Court No. 1

BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI

Appeal No. 263/2018
(M.A. No. 1772/2018)

Amit Upadhaya

Appellant(s)

Versus

State Level Environmental Impact
Assessment Authority & Ors.

Respondent(s)

Date of hearing: 17.12.2018

CORAM: HON'BLE MR. JUSTICE ADARSH KUMAR GOEL, CHAIRPERSON
HON'BLE MR. JUSTICE S.P. WANGDI, JUDICIAL MEMBER
HON'BLE MR. JUSTICE K. RAMAKRISHNAN, JUDICIAL MEMBER
HON'BLE DR. NAGIN NANDA, EXPERT MEMBER

For Appellant(s): Mr. Vanshdeep Dalmia, Advocate

ORDER

1. This appeal has been preferred under Section 16 of the National Green Tribunal Act, 2010 against Environmental Clearance granted to mines in Category I and Category II based on the report of the Regional Environment Impact Assessment Authority, which is not permissible under the EIA Notification dated 14.09.2006. The said Regional EIAs were rejected on 14.11.2018 and fresh individual EIA reports were directed to be furnished. Without such reports being furnished, Environmental Clearance has been granted based on extract of the rejected Regional EIAs.
2. In view of above, *prime-facie*, the grant of Environmental Clearance does not appear to be consistent with law.

4. In the meanwhile, the Environmental Clearance may not be proceeded with.
5. Reports may be furnished to this Tribunal within one month by e-mail at ngt.filing@gmail.com.
6. Copy of this order be sent by e-mail the MoEF&CC as well as to the State Level Environment Impact Assessment Authority.
7. The applicant may also furnish complete set of papers to the MoEF&CC as well as to the State Level Environment Impact Assessment Authority and file an affidavit of compliance within one week from today.

List for further consideration on 25.02.2019.

Adarsh Kumar Goel, CP

S.P. Wangdi, JM

K. Ramakrishnan, JM

Dr. Nagin Nanda, EM

December 17, 2018
Appeal No. 263/2018
(M.A. No. 1772/2018)
R

Item No. 09

Court No. 1

BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI

Appeal No. 264/2018
(M.A. No. 1773/2018)

Amit Upadhaya

Appellant(s)

Versus

State Level Environmental Impact
Assessment Authority & Ors.

Respondent(s)

Date of hearing: 17.12.2018

CORAM: HON'BLE MR. JUSTICE ADARSH KUMAR GOEL, CHAIRPERSON
HON'BLE MR. JUSTICE S.P. WANGDI, JUDICIAL MEMBER
HON'BLE MR. JUSTICE K. RAMAKRISHNAN, JUDICIAL MEMBER
HON'BLE DR. NAGIN NANDA, EXPERT MEMBER

For Appellant(s): Mr. Aviruddha Deshmukh, Advocate

ORDER

In view of order passed today in *Appeal No. 263/2018, Amit Upadhaya Vs. State Level Environmental Impact Assessment Authority & Ors.*, there will be an identical order in the present case and an identical report be furnished by the MoEF&CC as well as the State Level Environment Impact Assessment Authority to this Tribunal by e-mail at ngt.filing@gmail.com.

List for further consideration on 25.02.2019.

Adarsh Kumar Goel, CP

S.P. Wangdi, JM

Sr.No.	Proposal Number	Project proponent	EC Letter No.	Hamid No./Gat No.	District	Tehsil	Village	Area (Ha)
1	SA/UP/MIN/29418/2018	M/S New Soon Associates	502/parye/SEAC/451C/449/2018 dated 24.11.2018	26/3	Hamiapur	Sarda	Chanowani	24.237 Ha
2	SA/UP/MIN/29419/2018	M/S Bureka Mines and Minerals LLP	501/parye/SEAC/451C/438A/2018 dated 24.11.2018	747	Jehan	Kothi	Rathnagar	16.194 Ha
3	SA/UP/MIN/29422/2018	M/S Harhar Minerals LLP	500/parye/SEAC/451C/446/2018 dated 24.11.2018	29/19	Hamiapur	Sarda	Bheoff Rhat	12.145 Ha
4	SA/UP/MIN/29573/2018	M/S Chaudhary Int Udyog	517/parye/SEAC/4535/2018 dated 24.11.2018	4	Sarda	Pasani	Sadi Rhat	13.0 Ha
5	SA/UP/MIN/29562/2018	M/S Sakaini Construction	526/parye/SEAC/4487/2018 dated 24.11.2018	24/9	Hamiapur	Sarda	Chhat	36.437 Ha
6	SA/UP/MIN/28574/2018	M/S Digna Enterprises	528/parye/SEAC/4528-4435/2018 dated 24.11.2018	29/24	Hamiapur	Sarda	Chhat	36.437 Ha
7	SA/UP/MIN/28494/2018	M/S Yadav Abad Sons	527/parye/SEAC/4529-4435/2018 dated 24.11.2018	23/2	Hamiapur	Sarda	Shivdi Khad	12.145 Ha
8	SA/UP/MIN/28558/2018	M/S New Provera Infrahight Private Limited	525/parye/SEAC/4538-4438/2018 dated 24.11.2018	10/33	Hamiapur	Sadar	Beri	20.241 Ha
9	SA/UP/MIN/28608/2018	Shri Rajni Kumar Gupta	523/parye/SEAC/4534-4446/2018 dated 24.11.2018	30/4	Hamiapur	Hamiapur	Beri	36.437 Ha
10	SA/UP/MIN/28402/2018	M/S Kamlauppal And Sons	520/parye/SEAC/4534-4420/2018 dated 24.11.2018	39/4	Hamiapur	Mahudaha	Teekapur	29.554 Ha
11	SA/UP/MIN/28470/2018	M/S Kamalath Enterprises Private Limited	522/parye/SEAC/4532-4426/2018 dated 24.11.2018	19/5	Hamiapur	Mahudaha	Teekapur	36.437 Ha
12	SA/UP/MIN/28510/2018	M/S Sri Construction	524/parye/SEAC/4538-4433/2018 dated 24.11.2018	18/1	Hamiapur	Sadar	Sohurapur	36.437 Ha

For Term of Reference (ToR)								
Sl. No.	EC Details	Date of Application of ToR	Proposal Accepted by Member Secretary	Essential Details Sought (EDS) If yes, provide details (date of EDS)	Proposal Placed in SEAC Meeting for ToR SEAC-1 SEAC-2 ***	Date of Meeting	Recommendation of SEAC (Recommended/Deferred/R ejected)	Date of Grant of ToR
1					SEAC-1 SEAC-2 ***			
2					SEAC-1 SEAC-2 ***			
For Environmental Clearance								
Sl. No.	EC Details	Date of Application of EC	Proposal Accepted by Member Secretary	Essential Details Sought (EDS) If yes, provide details (date of EDS)	Proposal Placed in SEAC Meeting for EC SEAC-1 SEAC-2 ***	Date of Meeting	Recommendation of SEAC (Recommended/Deferred/R ejected)	Date of Grant of EC
1					SEAC-1 SEAC-2 ***			
2					SEAC-1 SEAC-2 ***			

Subject: **Re: Information & Meeting regarding Hon'ble NGT Order dated 17.12.2018 in Appeal No 263/2018 & 264/2018 in the matter of Amit Upadhaya vs SEEIA UP** Date: 02/04/19 07:40 PM From: "Amit Vashishtha" <amit.vashishtha@nic.in>

To: ms@uppcb.com, dgmupexp@gmail.com
Cc: "R.B Lal" <rb.lal@nic.in>, sailender.negi@nic.in,
"ramesh in" <ramesh.anguluri@gov.in>

Annexure-1-Agenda-EAC-20.02.2019.pdf (1.6MB)

Dear Sir,

This is with reference to above mentioned subject wherein the SEIAA, U.P and DMG, U.P were requested to provide the requisite information. The Ministry has received the information form DMG, U.P but the complete information from the SEIAA, U.P is still awaited.

2. In addition to above, it is also to inform you that Ministry has decided to place the matter before Expert Appraisal Committee in its meeting scheduled to be on 20.02.2019 (agenda as **Annexure-1**). Thus, it is **requested to attend the meeting** and circulate the all relevant documents [viz. Form-1, PFR, Lol, Mining Plan, Mining Plan approval letter, DSR, Cluster Certificate, copy of ToR, Regional EIA/EMP Report, Individual EIA Report, Public Hearing (Minutes, attendance sheet, video, advertisement copy etc), Minutes of SEAC (ToR & EC), date of application, acceptance of proposal, details of meetings held, recommendation for ToR as well as EC, inspection report, etc.] needs to be submitted in pen drive to all committee members and Ministry in respect of all the 24 & 12 Proposals as per Appeal No 263/2018 & 264/2019. The information shall be circulated at least 10 days before the schedule meeting.

With Regards

Amit Vashishtha
Scientist 'D'
MoEF&CC
011-24695399

On 01/14/19 07:27 PM, "Amit Vashishtha" <Amit.vashishtha@nic.in> wrote:

Dear Sir,

This has reference to order dated 17.12.2018 of Hon'ble NGT, New Delhi in Appeal No 263/2018 and 264/2018 wherein it has inter-alia mentioned that **"We also direct the Ministry of Environment, Forest and Climate Change (MoEF&CC) to examine the matter and furnish their detailed report about legality of the procedure followed"**.

2. In the above context, the Ministry has already sought information vide letter No. L-11011/6/2019-IA.II(M) dated 11.01.2019 for the proposals (22 out of 24) mentioned in the appeal no 264 of 2018. As the SEIAA, UP is respondent in this case it is requested to provide the details of remaining 2 proposals also.

3. In addition to above please find the Lr No L-11011/6/2019-IA.II(M)(Pt) dated 14.01.2019 for providing requisite information for 12 proposals referred Appeal No 263/2018, so that the report can be filed on time in the Hon'ble NGT.

4. In this regard a **meeting** is also scheduled to be held on **15.01.2019 at 3:30 P.M.** at Room No P-327, 3rd Floor, Prithvi Wing, India Paryavaran Bhawan, Jor Bagh Road, New Delhi under the Chairmanship of **Shri Ravi Shankar**

Prasad, Joint Secretary (IA-Non-Coal). During the meeting the issues of both the appeals i.e 263/2018 and 264/2018 will be discussed.

With Regards

Amit Vashishtha
Scientist 'D'
011-24695399

—
With Regards

Amit Vashishtha
Scientist 'D'
MoEF&CC

Subject: Hon'ble NGT Order dated 31.01.2019- In Appeal No 263/2018 & 264/2018 Date: 02/13/19 01:19 PM

To: nazim.cpcb@nic.in

From: "Amit Vashishtha" <amit.vashishtha@nic.in>

Cc: R.B Lal <rb.lal@nic.in>

 Agenda-EAC.pdf (1.6MB)

Dear Sir,

This is with reference to above mentioned order of Hon'ble NGT dated 31.01.2019 and letter dated 12.02.2019 from CPCB. In this regard, it is to inform that the above matter is placed in EAC meeting scheduled to be on 20 February, 2019 (Agenda enclosed).

2. In view of the above, it is requested to please attend the meeting to comply with direction of Hon'ble NGT and to assist the EAC in finalizing the report.

—
With Regards

Amit Vashishtha
Scientist 'D'
MoEF&CC

Subject: **Amit Upadhya Vs State of Govt UP- 3rd EAC Meeting**

Date: 03/23/19 07:56 PM

To: nazim.cpcb@nic.in

From: "Amit Vashishtha" <amit.vashishtha@nic.in>

Cc: R.B Lal <rb.lal@nic.in>

 01032019MP5URW6WAgendafor3rdEACMEETINGMarch25-26,2... (1.7MB)

Dear Sir,

The matter referred in Appeal No 263 & 264 in the matter of Amit Upadhya Vs State of Govt UP is placed in EAC meeting scheduled to be held on 25.03.2019. It is requested to attend the same.

—
With Regards

Amit Vashishtha
Scientist 'D'
MoEF&CC

Subject: Meeting regarding Hon'ble NGT Order dated 17.12.2018 in Appeal No 263/2018 & 284/2018 in the matter of Amit Upadhaya vs SEEIA UP Date: 05/17/19 05:27 PM
To: ms@uppcb.com, dgmupexp@gmail.com, nazim.cpcb@nic.in From: "Amit Vashishtha" <amit.vashishtha@nic.in>
Cc: sundeeep.moef@gmail.com

Dear Sir,

This is with reference to above mentioned subject. In this regard it is to Inform that the above proposal is placed as agenda item No 2.4 in the EAC meeting scheduled to be held on May 29, 2019 (Wednesday).

2. In view of the above, it is requested to attend the same positively, so that EAC can finalize its recommendation, the letter will follows as.

With Regard

Amit Vashishtha
Scientist 'D'

On 03/12/19 11:04 AM, "Amit Vashishtha" <amit.vashishtha@nic.in> wrote:

Dear Sir,

This is with reference to above mentioned subject. In this connection it is to inform that minutes of the meeting held during 19-20 February, 2019 has already uploaded on the PARIVESH portal please refer the same for submission of information. The above proposal is now placed in EAC meeting scheduled to be on 25-26 March, 2019 (agenda attached) and it is requested to attend the same so that EAC can finalize its recommendation.

With Regards

Amit Vashishtha
Scientist 'D'
MoEF&CC

With Regards,

Amit Vashishtha
Scientist 'D'
MoEF&CC



भारत का राजपत्र

The Gazette of India

असाधारण
EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (ii)
PART II—Section 3—Sub-section (ii)

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं. 1067]
No. 1067]

नई दिल्ली, बृहस्पतिवार, सितम्बर 14, 2006/भाद्र 23, 1928
NEW DELHI, THURSDAY, SEPTEMBER 14, 2006/BHADRA 23, 1928

पर्यावरण और वन मंत्रालय

अधिसूचना

नई दिल्ली, 14 सितम्बर, 2006

का.आ. 1533(अ).—केंद्रीय सरकार या केन्द्रीय सरकार द्वारा राज्य सरकार या संबंधित संघ राज्यक्षेत्र प्रशासन के परामर्श से गठित किए जाने वाले राज्य या संघ राज्यक्षेत्र स्तर पर्यावरण समाघात निर्धारण प्राधिकरण द्वारा इस अधिसूचना के प्रयोजन के लिए पर्यावरण (संरक्षण) अधिनियम, 1986 की धारा 3 की उपधारा (3) के अधीन संघ मंत्रिमंडल द्वारा 18 मई, 2006 को अनुमोदित राष्ट्रीय पर्यावरण नीति और अधिसूचना में विनिर्दिष्ट प्रक्रिया के उद्देश्यों के अनुसार जब तक पूर्व पर्यावरणीय अनापत्ति अभिलिखित नहीं हो जाती है, भारत के किसी भाग में, नई परियोजनाओं या क्रियाकलापों पर या इस अधिसूचना की अनुसूची में यथा उपवर्णित उनके सक्षम पर्यावरणीय समाघातों पर विद्यमान परियोजनाओं या क्रियाकलापों के विस्तार या आधुनिकीकरण पर कतिपय निर्बंधन और प्रतिषेध अधिरोपित करने के लिए, पर्यावरण (संरक्षण) नियम, 1986 के नियम 5 के उपनियम (3) के अधीन एक प्रारूप अधिसूचना भारत के राजपत्र, असाधारण, भाग 2, खंड 3, उपखंड (ii) में, का.आ. सं. 1324(अ), तारीख 15 सितंबर, 2005 द्वारा प्रकाशित की गई थी जिसमें उन सभी व्यक्तियों से, जिनके उनसे प्रभावित होने की संभावना है, उस तारीख से, जिसको उक्त अधिसूचना को अंतर्विष्ट करने वाले राजपत्र की प्रतियां जनता को उपलब्ध करा दी गई थीं, साठ दिन की अवधि के भीतर आक्षेप और सुझाव आमंत्रित किए गए थे ;

और उक्त अधिसूचना की प्रतियां 15 सितंबर, 2005 को जनता को उपलब्ध करा दी गई थीं ;

और उमर उल्लिखित प्रारूप अधिसूचना के अंतर् में प्राप्त सभी आपेक्षों और सुझावों पर केन्द्रीय सरकार ने सम्यक रूप से विचार कर लिया है।

**MINISTRY OF ENVIRONMENT AND FORESTS
NOTIFICATION**

New Delhi, the 14th September, 2006

S.O. 1533(E).—Whereas, a draft notification under Sub-rule (3) of Rule 5 of the Environment (Protection) Rules, 1986 for imposing certain restrictions and prohibitions on new projects or activities, or on the expansion or modernization of existing projects or activities based on their potential environmental impacts as indicated in the Schedule to the notification, being undertaken in any part of India¹, unless prior environmental clearance has been accorded in accordance with the objectives of National Environment Policy as approved by the Union Cabinet on 18th May, 2006 and the procedure specified in the notification, by the Central Government or the State or Union Territory Level Environment Impact Assessment Authority (SEIAA), to be constituted by the Central Government in consultation with the State Government or the Union Territory Administration concerned under Sub-section (3) of Section 3 of the Environment (Protection) Act, 1986 for the purpose of this notification, was published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii) vide number S.O. 1324(H), dated the 15th September, 2005 inviting objections and suggestions from all persons likely to be affected thereby within a period of sixty days from the date on which copies of Gazette containing the said notification were made available to the public;

And whereas, copies of the said notification were made available to the public on 15th September, 2005;

And whereas, all objections and suggestions received in response to the above mentioned draft notification have been duly considered by the Central Government;

Now, therefore, in exercise of the powers conferred by sub-section (1) and clause (v) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986, read with clause (d) of sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986 and in supersession of the notification number S.O. 60 (E) dated the 27th January, 1994, except in respect of things done or omitted to be done before such supersession, the Central Government hereby directs that on and from the date of its publication the required construction of new projects or activities or the expansion or modernization of existing projects or activities listed in the Schedule to this notification entailing capacity addition with change in process and or technology shall be undertaken in any part of India only after the prior environmental clearance from the Central Government or as the case may be, by the State Level Environment Impact Assessment Authority, duly constituted by the Central Government under sub-section (3) of section 3 of the said Act, in accordance with the procedure specified hereinafter in this notification.

¹Includes the territorial waters

2. Requirements of prior Environmental Clearance (EC):- The following projects or activities shall require prior environmental clearance from the concerned regulatory authority, which shall hereinafter referred to be as the Central Government in the Ministry of Environment and Forests for matters falling under Category 'A' in the Schedule and at State level the State Environment Impact Assessment Authority (SEIAA) for matters falling under Category 'B' in the said Schedule, before any construction work, or preparation of land by the project management except for securing the land, is started on the project or activity:

- (i) All new projects or activities listed in the Schedule to this notification;
- (ii) Expansion and modernization of existing projects or activities listed in the Schedule to this notification with addition of capacity beyond the limits specified for the concerned sector, that is, projects or activities which cross the threshold limits given in the Schedule, after expansion or modernization;

(iii) Any change in product - mix in an existing manufacturing unit included in Schedule beyond the specified range.

3. State Level Environment Impact Assessment Authority:- (1) A State Level Environment Impact Assessment Authority hereinafter referred to as the SEIAA shall be constituted by the Central Government under sub-section (3) of section 3 of the Environment (Protection) Act, 1986 comprising of three Members including a Chairman and a Member – Secretary to be nominated by the State Government or the Union territory Administration concerned.

(2) The Member-Secretary shall be a serving officer of the concerned State Government or Union territory administration familiar with environmental laws.

(3) The other two Members shall be either a professional or expert fulfilling the eligibility criteria given in Appendix VI to this notification.

(4) One of the specified Members in sub-paragraph (3) above who is an expert in the Environmental Impact Assessment process shall be the Chairman of the SEIAA.

(5) The State Government or Union territory Administration shall forward the names of the Members and the Chairman referred in sub- paragraph 3 to 4 above to the Central Government and the Central Government shall constitute the SEIAA as an authority for the purposes of this notification within thirty days of the date of receipt of the names:

(6) The non-official Member and the Chairman shall have a fixed term of three years (from the date of the publication of the notification by the Central Government constituting the authority).

(7) All decisions of the SEIAA shall be unanimous and taken in a meeting.

4. Categorization of projects and activities:-

(i) All projects and activities are broadly categorized in to two categories - Category A and Category B, based on the spatial extent of potential impacts and potential impacts on human health and natural and man made resources.

(ii) All projects or activities included as Category 'A' in the Schedule, including expansion and modernization of existing projects or activities and change in product mix, shall require prior environmental clearance from the Central Government in the Ministry of Environment and Forests (MoEF) on the recommendations of an Expert Appraisal Committee (EAC) to be constituted by the Central Government for the purposes of this notification;

(iii) All projects or activities included as Category 'B' in the Schedule, including expansion and modernization of existing projects or activities as specified in sub paragraph (ii) of paragraph 2, or change in product mix as specified in sub paragraph (iii) of paragraph 2, but excluding those which fulfill the General Conditions (GC) stipulated in the Schedule, will require prior environmental clearance from the State/Union territory Environment Impact Assessment Authority (SEIAA). The SEIAA shall base its decision on the recommendations of a State or Union territory level Expert Appraisal Committee (SEAC) as to be constituted for in this notification. In the absence of a duly constituted SEIAA or SEAC, a Category 'B' project shall be treated as a Category 'A' project;

5. Screening, Scoping and Appraisal Committees:-

The same Expert Appraisal Committees (EACs) at the Central Government and SEACs (hereinafter referred to as the (EAC) and (SEAC) at the State or the Union territory level shall screen, scope and appraise projects or activities in Category 'A' and Category 'B' respectively. EAC and SEAC's shall meet at least once every month.

- (a) The composition of the EAC shall be as given in Appendix VI. The SEAC at the State or the Union territory level shall be constituted by the Central Government in consultation with the concerned State Government or the Union territory Administration with identical composition;
- (b) The Central Government may, with the prior concurrence of the concerned State Governments or the Union territory Administrations, constitute one SEAC for more than one State or Union territory for reasons of administrative convenience and cost;
- (c) The EAC and SEAC shall be reconstituted after every three years;
- (d) The authorised members of the EAC and SEAC, concerned, may inspect any site(s) connected with the project or activity in respect of which the prior environmental clearance is sought, for the purposes of screening or scoping or appraisal, with prior notice of at least seven days to the applicant, who shall provide necessary facilities for the inspection;
- (e) The EAC and SEACs shall function on the principle of collective responsibility. The Chairperson shall endeavour to reach a consensus in each case, and if consensus cannot be reached, the view of the majority shall prevail.

6. Application for Prior Environmental Clearance (EC):-

An application seeking prior environmental clearance in all cases shall be made in the prescribed Form 1 annexed herewith and Supplementary Form 1A, if applicable, as given in Appendix II, after the identification of prospective site(s) for the project and/or activities to which the application relates, before commencing any construction activity, or preparation of land, at the site by the applicant. The applicant shall furnish, along with the application, a copy of the pre-feasibility project report except that, in case of construction projects or activities (item 8 of the Schedule) in addition to Form 1 and the Supplementary Form 1A, a copy of the conceptual plan shall be provided instead of the pre-feasibility report.

7. Stages in the Prior Environmental Clearance (EC) Process for New Projects:-

7(i) The environmental clearance process for new projects will comprise of a maximum of four stages, all of which may not apply to particular cases as set forth below in this notification. These four stages in sequential order are:-

- Stage (1) Screening (Only for Category 'B' projects and activities)
- Stage (2) Scoping
- Stage (3) Public Consultation
- Stage (4) Appraisal

1. Stage (1) - Screening:

In case of Category 'B' projects or activities, this stage will entail the scrutiny of an application seeking prior environmental clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity

requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of environmental clearance depending up on the nature and location specificity of the project. The projects requiring an Environmental Impact Assessment report shall be termed Category 'B1' and remaining projects shall be termed Category 'B2' and will not require an Environment Impact Assessment report. For categorization of projects into B1 or B2 except item 8 (b), the Ministry of Environment and Forests shall issue appropriate guidelines from time to time.

II. Stage (2) - Scoping:

(i) "Scoping": refers to the process by which the Expert Appraisal Committee in the case of Category 'A' projects or activities, and State level Expert Appraisal Committee in the case of Category 'B1' projects or activities, including applications for expansion and/or modernization and/or change in product mix of existing projects or activities, determine detailed and comprehensive Terms Of Reference (TOR) addressing all relevant environmental concerns for the preparation of an Environment Impact Assessment (EIA) Report in respect of the project or activity for which prior environmental clearance is sought. The Expert Appraisal Committee or State level Expert Appraisal Committee concerned shall determine the Terms of Reference on the basis of the information furnished in the prescribed application Form 1/Form 1A including Terms of Reference proposed by the applicant, a site visit by a sub-group of Expert Appraisal Committee or State level Expert Appraisal Committee concerned only if considered necessary by the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned, Terms of Reference suggested by the applicant if furnished and other information that may be available with the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned. All projects and activities listed as Category 'B' in Item 8 of the Schedule (Construction/Township/Commercial Complexes/Housing) shall not require Scoping and will be appraised on the basis of Form 1/Form 1A and the conceptual plan.

(ii) The Terms of Reference (TOR) shall be conveyed to the applicant by the Expert Appraisal Committee or State Level Expert Appraisal Committee as concerned within sixty days of the receipt of Form 1. In the case of Category A Hydroelectric projects Item 1(c) (i) of the Schedule the Terms of Reference shall be conveyed along with the clearance for pre-construction activities. If the Terms of Reference are not finalized and conveyed to the applicant within sixty days of the receipt of Form 1, the Terms of Reference suggested by the applicant shall be deemed as the final Terms of Reference approved for the EIA studies. The approved Terms of Reference shall be displayed on the website of the Ministry of Environment and Forests and the concerned State Level Environment Impact Assessment Authority.

(iii) Applications for prior environmental clearance may be rejected by the regulatory authority concerned on the recommendation of the EAC or SEAC concerned at this stage itself. In case of such rejection, the decision together with reasons for the same shall be communicated to the applicant in writing within sixty days of the receipt of the application.

III. Stage (3) - Public Consultation:

(i) "Public Consultation" refers to the process by which the concerns of local affected persons and others who have plausible stake in the environmental impacts of the project or activity are ascertained with a view to taking into account all the material concerns in the project or activity design as appropriate. All Category 'A' and Category B1 projects or activities shall undertake Public Consultation, except the following:-

- (a) modernization of irrigation projects (item 1(c) (ii) of the Schedule).

- (b) all projects or activities located within industrial estates or parks (item 7(c) of the Schedule) approved by the concerned authorities, and which are not disallowed in such approvals.
 - (c) expansion of Roads and Highways (item 7 (f) of the Schedule) which do not involve any further acquisition of land.
 - (d) all Building /Construction projects/Area Development projects and Townships (item 8).
 - (e) all Category 'B2' projects and activities.
 - (f) all projects or activities concerning national defence and security or involving other strategic considerations as determined by the Central Government.
- (ii) The Public Consultation shall ordinarily have two components comprising of:-
- (a) a public hearing at the site or in its close proximity- district wise, to be carried out in the manner prescribed in Appendix IV, for ascertaining concerns of local affected persons;
 - (b) obtain responses in writing from other concerned persons having a plausible stake in the environmental aspects of the project or activity.
 - (iii) the public hearing at, or in close proximity to, the site(s) in all cases shall be conducted by the State Pollution Control Board (SPCB) or the Union territory Pollution Control Committee (UTPCC) concerned in the specified manner and forward the proceedings to the regulatory authority concerned within 45(forty five) of a request to the effect from the applicant.
 - (iv) in case the State Pollution Control Board or the Union territory Pollution Control Committee concerned does not undertake and complete the public hearing within the specified period, and/or does not convey the proceedings of the public hearing within the prescribed period directly to the regulatory authority concerned as above, the regulatory authority shall engage another public agency or authority which is not subordinate to the regulatory authority, to complete the process within a further period of forty five days.
 - (v) If the public agency or authority nominated under the sub paragraph (iii) above reports to the regulatory authority concerned that owing to the local situation, it is not possible to conduct the public hearing in a manner which will enable the views of the concerned local persons to be freely expressed, it shall report the facts in detail to the concerned regulatory authority, which may, after due consideration of the report and other reliable information that it may have, decide that the public consultation in the case need not include the public hearing.
 - (vi) For obtaining responses in writing from other concerned persons having a plausible stake in the environmental aspects of the project or activity, the concerned regulatory authority and the State Pollution Control Board (SPCB) or the Union territory Pollution Control Committee (UTPCC) shall invite responses from such concerned persons by placing on their website the Summary EIA report prepared in the format given in Appendix IIIA by the applicant along with a copy of the application in the prescribed form, within seven days of the receipt of a written request for arranging the public hearing. Confidential information including non-disclosable or legally privileged information involving Intellectual Property Right, source specified in the application shall not be placed on the web site. The regulatory authority concerned may also use

other appropriate media for ensuring wide publicity about the project or activity. The regulatory authority shall, however, make available on a written request from any concerned person the Draft EIA report for inspection at a notified place during normal office hours till the date of the public hearing. All the responses received as part of this public consultation process shall be forwarded to the applicant through the quickest available means.

(vii) After completion of the public consultation, the applicant shall address all the material environmental concerns expressed during this process, and make appropriate changes in the draft EIA and EMP. The final EIA report, so prepared, shall be submitted by the applicant to the concerned regulatory authority for appraisal. The applicant may alternatively submit a supplementary report to draft EIA and EMP addressing all the concerns expressed during the public consultation.

IV. Stage (4) - Appraisal:

(i) Appraisal means the detailed scrutiny by the Expert Appraisal Committee or State Level Expert Appraisal Committee of the application and other documents like the Final EIA report, outcome of the public consultations including public hearing proceedings, submitted by the applicant to the regulatory authority concerned for grant of environmental clearance. This appraisal shall be made by Expert Appraisal Committee or State Level Expert Appraisal Committee concerned in a transparent manner in a proceeding to which the applicant shall be invited for furnishing necessary clarifications in person or through an authorized representative. On conclusion of this proceeding, the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned shall make categorical recommendations to the regulatory authority concerned either for grant of prior environmental clearance on stipulated terms and conditions, or rejection of the application for prior environmental clearance, together with reasons for the same.

(ii) The appraisal of all projects or activities which are not required to undergo public consultation, or submit an Environment Impact Assessment report, shall be carried out on the basis of the prescribed application Form 1 and Form 1A as applicable, any other relevant validated information available and the site visit wherever the same is considered as necessary by the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned.

(iii) The appraisal of an application shall be completed by the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned within sixty days of the receipt of the final Environment Impact Assessment report and other documents or the receipt of Form 1 and Form 1 A, where public consultation is not necessary and the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee shall be placed before the competent authority for a final decision within the next fifteen days. The prescribed procedure for appraisal is given in Appendix V :

7(ii). Prior Environmental Clearance (EC) process for Expansion or Modernization or Change of product mix in existing projects:

All applications seeking prior environmental clearance for expansion with increase in the production capacity beyond the capacity for which prior environmental clearance has been granted under this notification or with increase in either lease area or production capacity in the case of mining projects or for the modernization of an existing unit with increase in the total production capacity beyond the threshold limit prescribed in the Schedule to this notification through change in process and or technology of involving a change in the product -mix shall be made in Form 1 and they shall be considered by the concerned Expert Appraisal Committee or State Level Expert Appraisal Committee within sixty days, who will decide on the due diligence

necessary including preparation of EIA and public consultations and the application shall be appraised accordingly for grant of environmental clearance.

8. Grant or Rejection of Prior Environmental Clearance (EC):

(i) The regulatory authority shall consider the recommendations of the EAC or SEAC concerned and convey its decision to the applicant within forty five days of the receipt of the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned or in other words within one hundred and five days of the receipt of the final Environment Impact Assessment Report, and where Environment Impact Assessment is not required, within one hundred and five days of the receipt of the complete application with requisite documents, except as provided below.

(ii) The regulatory authority shall normally accept the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned. In cases where it disagrees with the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned, the regulatory authority shall request reconsideration by the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned within forty five days of the receipt of the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned while stating the reasons for the disagreement. An intimation of this decision shall be simultaneously conveyed to the applicant. The Expert Appraisal Committee or State Level Expert Appraisal Committee concerned, in turn, shall consider the observations of the regulatory authority and furnish its views on the same within a further period of sixty days. The decision of the regulatory authority after considering the views of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned shall be final and conveyed to the applicant by the regulatory authority concerned within the next thirty days.

(iii) In the event that the decision of the regulatory authority is not communicated to the applicant within the period specified in sub-paragraphs (i) or (ii) above, as applicable, the applicant may proceed as if the environment clearance sought for has been granted or denied by the regulatory authority in terms of the final recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned.

(iv) On expiry of the period specified for decision by the regulatory authority under paragraph (i) and (ii) above, as applicable, the decision of the regulatory authority, and the final recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned shall be public documents.

(v) Clearances from other regulatory bodies or authorities shall not be required prior to receipt of applications for prior environmental clearance of projects or activities, or screening, or scoping, or appraisal, or decision by the regulatory authority concerned, unless any of these is sequentially dependent on such clearance either due to a requirement of law, or for necessary technical reasons.

(vi) Deliberate concealment and/or submission of false or misleading information or data which is material to screening or scoping or appraisal or decision on the application shall make the application liable for rejection, and cancellation of prior environmental clearance granted on that basis. Rejection of an application or cancellation of a prior environmental clearance already granted, on such ground, shall be decided by the regulatory authority, after giving a personal hearing to the applicant, and following the principles of natural justice.

9. Validity of Environmental Clearance (EC):

The "Validity of Environmental Clearance" is meant the period from which a prior environmental clearance is granted by the regulatory authority, or may be presumed by the applicant to have been granted under sub paragraph (iv) of paragraph 7 above, to the start of production operations by the project or activity, or completion of all construction operations in case of construction projects (item 8 of the Schedule), to which the application for prior environmental clearance refers. The prior environmental clearance granted for a project or activity shall be valid for a period of ten years in the case of River Valley projects (item 1(c) of the Schedule), project life as estimated by Expert Appraisal Committee or State Level Expert Appraisal Committee subject to a maximum of thirty years for mining projects and five years in the case of all other projects and activities. However, in the case of Area Development projects and Townships [item 8(b)], the validity period shall be limited only to such activities as may be the responsibility of the applicant as a developer. This period of validity may be extended by the regulatory authority concerned by a maximum period of five years provided an application is made to the regulatory authority by the applicant - within the validity period, together with an updated Form I, and Supplementary Form IA, for Construction projects or activities (item 8 of the Schedule). In this regard the regulatory authority may also consult the Expert Appraisal Committee or State Level Expert Appraisal Committee as the case may be.

10. Post Environmental Clearance Monitoring:

- (i) It shall be mandatory for the project management to submit half-yearly compliance reports in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year.
- (ii) All such compliance reports submitted by the project management shall be public documents. Copies of the same shall be given to any person on application to the concerned regulatory authority. The latest such compliance report shall also be displayed on the web site of the concerned regulatory authority.

11. Transferability of Environmental Clearance (EC):

A prior environmental clearance granted for a specific project or activity to an applicant may be transferred during its validity to another legal person entitled to undertake the project or activity on application by the transferor, or by the transferee with a written "no objection" by the transferor, to, and by the regulatory authority concerned, on the same terms and conditions under which the prior environmental clearance was initially granted, and for the same validity period. No reference to the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned is necessary in such cases.

12. Operation of EIA Notification, 1994, till disposal of pending cases:

From the date of final publication of this notification the Environment Impact Assessment (EIA) notification number S.O.60 (E) dated 27th January, 1994 is hereby superseded, except in suppression of the things done or omitted to be done before such suppression to the extent that in case of all or some types of applications made for prior environmental clearance and pending on the date of final publication of this notification, the Central Government may relax any one or all provisions of this notification except the list of the projects or activities requiring prior environmental clearance in Schedule I, or continue operation of some or all provisions of the said notification, for a period not exceeding one year from the date of issue of this notification.

SCHEDULE

(See paragraph 2 and 7)

LIST OF PROJECTS OR ACTIVITIES REQUIRING PRIOR ENVIRONMENTAL CLEARANCE

Project or Activity		Category with threshold limit		Conditions if any
		A	B	
1		Mining, extraction of natural resources and power generation (for a specified production capacity)		
(1)	(2)	(3)	(4)	(5)
I(a)	Mining of minerals	<p>≥ 50 ha. of mining lease area</p> <p>Asbestos mining irrespective of mining area</p>	<p><50 ha</p> <p>≥ 5 ha .of mining lease area.</p>	<p>General Condition shall apply</p> <p><u>Note</u> Mineral prospecting (not involving drilling) are exempted provided the concession areas have got previous clearance for physical survey</p>
I(b)	Offshore and onshore oil and gas exploration, development & production	All projects		<p><u>Note</u> Exploration Surveys (not involving drilling) are exempted provided the concession areas have got previous clearance for physical survey</p>
I(c)	River Valley projects	<p>(i) ≥ 50 MW hydroelectric power generation;</p> <p>(ii) ≥ 10,000 ha. of culturable command area</p>	<p>(i) < 50 MW ≥ 25 MW hydroelectric power generation;</p> <p>(ii) < 10,000 ha. of culturable command area</p>	General Condition shall apply
I(d)	Thermal Power Plants	<p>≥ 500 MW (coal/lignite/naphtha & gas based);</p> <p>≥ 50 MW (Pet coke diesel and all other fuels -)</p>	<p>< 500 MW (coal/lignite/naphtha & gas based);</p> <p><50 MW</p> <p>≥ 5MW (Pet coke diesel and all other fuels)</p>	General Condition shall apply

(1)	(2)	(3)	(4)	(5)
1(e)	Nuclear power projects and processing of nuclear fuel	All projects		
2		Primary Processing		
2(a)	Coal washeries	≥ 1 million ton/annum throughput of coal	< 1 million ton/annum throughput of coal	General Condition shall apply (If located within mining area the proposal shall be appraised together with the mining proposal)
2 (b)	Mineral beneficiation	≥ 0.1 million ton/annum mineral throughput	< 0.1 million ton/annum mineral throughput	General Condition shall apply (Mining proposal with Mineral beneficiation shall be appraised together for grant of clearance)

3				
Materials Production				
(1)	(2)	(3)	(4)	(5)
3(a)	Metallurgical industries (ferrous & non ferrous)	<p>a) Primary metallurgical industry</p> <p>All projects</p> <p>b) Sponge iron manufacturing ≥ 200TPD</p> <p>c) Secondary metallurgical processing industry</p> <p>All toxic and heavy metal producing units $\geq 20,000$ tonnes/annum</p>	<p>Sponge iron manufacturing < 200TPD</p> <p>Secondary metallurgical processing industry</p> <p>i.) All toxic and heavy metal producing units $< 20,000$ tonnes/annum</p> <p>ii.) All other non-toxic secondary metallurgical processing industries > 5000 tonnes/annum</p>	General Condition shall apply for Sponge iron manufacturing
3(b)	Cement plants	≥ 1.0 million tonnes/annum production capacity	< 1.0 million tonnes/annum production capacity. All Stand alone grinding units	General Condition shall apply

4				
Materials Processing				
(1)	(2)	(3)	(4)	(5)
4(a)	Petroleum refining industry	All projects	-	-
4(b)	Coke oven plants	≥2,50,000 tonnes/annum	<2,50,000 & ≥25,000 tonnes/annum	-
4(c)	Asbestos milling and asbestos based products	All projects	-	-
4(d)	Chlor-alkali industry	≥300 TPD production capacity or a unit located out side the notified industrial area/estate	<300 TPD production capacity and located within a notified industrial area/estate	Specific Condition shall apply No new Mercury Cell based plants will be permitted and existing units converting to membrane cell technology are exempted from this Notification
4(e)	Soda ash Industry	All projects	-	-
4(f)	Leather/skin/hide processing industry	New projects outside the industrial area or expansion of existing units out side the industrial area	All new or expansion of projects located within a notified industrial area/estate	Specific condition shall apply
5				
Manufacturing/Fabrication				
5(a)	Chemical fertilizers	All projects	-	-
5(b)	Pesticides industry and pesticide specific intermediates (excluding formulations)	All units producing technical grade pesticides	-	-

(1)	(2)	(3)	(4)	(5)
5(c)	Petro-chemical complexes (industries based on processing of petroleum fractions & natural gas and/or reforming to aromatics)	All projects	-	-
5(d)	Manmade fibres manufacturing	Rayon	Others	General Condition shall apply
5(e)	Petrochemical based processing (processes other than cracking & reformation and not covered under the complexes)	Located out side the notified industrial area/ estate	Located in a notified industrial area/ estate	Specific Condition shall apply
5(f)	Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates)	Located out side the notified industrial area/ estate	Located in a notified industrial area/ estate	Specific Condition shall apply
5(g)	Distilleries	(i) All Molasses based distilleries (ii) All Cane juice/ non-molasses based distilleries ≥ 30 KLD	All Cane juice/ non-molasses based distilleries - < 30 KLD	General Condition shall apply
5(h)	Integrated paint industry	-	All projects	General Condition shall apply

(1)	(2)	(3)	(4)	(5)
5(i)	Pulp & paper industry excluding manufacturing of paper from waste paper and manufacture of paper from ready pulp with out bleaching	Pulp manufacturing and Pulp & Paper manufacturing industry	Paper manufacturing industry without pulp manufacturing	General Condition shall apply
5(j)	Sugar Industry	-	≥ 5000 tcd cane crushing capacity	General Condition shall apply
5(k)	Induction/arc furnaces/cupola furnaces 5TPH or more	-	All projects	General Condition shall apply
6		Service Sectors		
6(a)	Oil & gas transportation pipeline (crude and refinery/ petrochemical products), passing through national parks /sanctuaries/coral reefs /ecologically sensitive areas including LNG Terminal	All projects		

(1)	(2)	(3)	(4)	(5)
6(b)	Isolated storage & handling of hazardous chemicals (As per threshold planning quantity indicated in column 3 of schedule 2 & 3 of MSIHC Rules 1989 amended 2000)	-	All projects	General Condition shall apply
7		Physical Infrastructure including Environmental Services		
7(a)	Air ports	All projects		
7(b)	All ship breaking yards including ship breaking units	All projects		
7(c)	Industrial estates/parks/ complexes/ areas, export processing Zones (EPZs), Special Economic Zones (SEZs), Biotech Parks, Leather Complexes.	If at least one industry in the proposed industrial estate falls under the Category A, entire industrial area shall be treated as Category A, irrespective of the area. Industrial estates with area greater than 500 ha. and housing at least one Category B industry.	-Industrial estates housing at least one Category B industry and area <500 ha. Industrial estates of area > 500 ha. and not housing any industry belonging to Category A or B.	Special condition shall apply Note: Industrial Estate of area below 500 ha. and not housing any industry of category A or B does not require clearance.
7(d)	Common hazardous waste treatment, storage and disposal facilities (TSDFs)	All integrated facilities having incineration & landfill or incineration alone	All facilities having land fill only	General Condition shall apply

(1)	(2)	(3)	(4)	(5)
7(e)	Ports, Harbours	≥ 5 million TPA of cargo handling capacity (excluding fishing harbours)	< 5 million TPA, of cargo handling capacity and/or ports/ harbours ≥10,000 TPA of fish handling capacity	General Condition shall apply
7(f)	Highways	i) New National High ways; and ii) Expansion of National High ways greater than 30 KM, involving additional right of way greater than 20m involving land acquisition and passing through more than one State.	i) New State High ways; and ii) Expansion of National / State Highways greater than 30 km involving additional right of way greater than 20m involving land acquisition.	General Condition shall apply
7(g)	Aerial ropeways		All projects	General Condition shall apply
7(b)	Common Effluent Treatment Plants (CETPs)		All projects	General Condition shall apply
7(i)	Common Municipal Solid Waste Management Facility (CMSWMF)		All projects	General Condition shall apply

(1)	(2)	(3)	(4)	(5)
8		Building /Construction projects/Area Development projects and Townships		
8(a)	Building and Construction projects		≥20000 sq.mtrs and <1,50,000 sq.mtrs. of built-up area#	#(built up area for covered construction; in the case of facilities open to the sky, it will be the activity area)
8(b)	Townships and Area Development projects.		Covering an area ≥ 50 ha and or built up area ≥1,50,000 sq .mtrs ++	**All projects under Item 8(b) shall be appraised as Category B1

Note:-**General Condition (GC):**

Any project or activity specified in Category 'B' will be treated as Category A, if located in whole or in part within 10 km from the boundary of: (i) Protected Areas notified under the Wild Life (Protection) Act, 1972, (ii) Critically Polluted areas as notified by the Central Pollution Control Board from time to time, (iii) Notified Eco-sensitive areas, (iv) inter-State boundaries and international boundaries.

Specific Condition (SC):

If any Industrial Estate/Complex / Export processing Zones /Special Economic Zones/Biotech Parks / Leather Complex with homogeneous type of industries such as Items 4(d), 4(f), 5(e), 5(f), or those Industrial estates with pre -defined set of activities (not necessarily homogeneous, obtains prior environmental clearance, individual industries including proposed industrial housing within such estates /complexes will not be required to take prior environmental clearance, so long as the Terms and Conditions for the industrial estate/complex are complied with (Such estates/complexes must have a clearly identified management with the legal responsibility of ensuring adherence to the Terms and Conditions of prior environmental clearance, who may be held responsible for violation of the same throughout the life of the complex/estate).

[No. J-11013/56/2004-IA-II(T)]
R. CHANDRAMOHAN, J. Secy.

APPENDIX I

(See paragraph - 6)

FORM 1**(I) Basic Information**

Name of the Project:

Location / site alternatives under consideration:

Size of the Project: *

Expected cost of the project:

Contact Information:

Screening Category:

- Capacity corresponding to sectoral activity (such as production capacity for manufacturing, mining lease area and production capacity for mineral production, area for mineral exploration, length for linear transport infrastructure, generation capacity for power generation etc.)

(II) Activity

1. Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc.)

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
1.1	Permanent or temporary change in land use, land cover or topography including increase in intensity of land use (with respect to local land use plan)		
1.2	Clearance of existing land, vegetation and buildings?		
1.3	Creation of new land uses?		
1.4	Pre-construction investigations e.g. bore houses, soil testing?		
1.5	Construction works?		
1.6	Demolition works?		
1.7	Temporary sites used for construction works or housing of construction workers?		
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations		
1.9	Underground works including mining or tunneling?		
1.10	Reclamation works?		
1.11	Dredging?		
1.12	Offshore structures?		
1.13	Production and manufacturing processes?		

1.14	Facilities for storage of goods or materials?		
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?		
1.16	Facilities for long term housing of operational workers?		
1.17	New road, rail or sea traffic during construction or operation?		
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?		
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?		
1.20	New or diverted transmission lines or pipelines?		
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?		
1.22	Stream crossings?		
1.23	Abstraction or transfers of water from ground or surface waters?		
1.24	Changes in water bodies or the land surface affecting drainage or run-off?		
1.25	Transport of personnel or materials for construction, operation or decommissioning?		
1.26	Long-term dismantling or decommissioning or restoration works?		
1.27	Ongoing activity during decommissioning which could have an impact on the environment?		
1.28	Influx of people to an area in either temporarily or permanently?		
1.29	Introduction of alien species?		
1.30	Loss of native species or genetic diversity?		
1.31	Any other actions?		

2. Use of Natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non-renewable or in short supply):

S.No.	Information/checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
2.1	Land especially undeveloped or agricultural land (ha)		

2.2	Water (expected source & competing users) unit: KLD		
2.3	Minerals (MT)		
2.4	Construction material – stone, aggregates, and / soil (expected source – MT)		
2.5	Forests and timber (source – MT)		
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)		
2.7	Any other natural resources (use appropriate standard units)		

3. Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health.

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
3.1	Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna, and water supplies)		
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)		
3.3	Affect the welfare of people e.g. by changing living conditions?		
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,		
3.5	Any other causes		

4. Production of solid wastes during construction or operation or decommissioning (MT/month)

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
4.1	Spoil, overburden or mine wastes		

4.2	Municipal waste (domestic and or commercial wastes)		
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)		
4.4	Other industrial process wastes		
4.5	Surplus product		
4.6	Sewage sludge or other sludge from effluent treatment		
4.7	Construction or demolition wastes		
4.8	Redundant machinery or equipment		
4.9	Contaminated soils or other materials		
4.10	Agricultural wastes		
4.11	Other solid wastes		

5. Release of pollutants or any hazardous, toxic or noxious substances to air (Kg/hr)

S.No.	Information/Checklist confirmation	Yes/No.	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources		
5.2	Emissions from production processes		
5.3	Emissions from materials handling including storage or transport		
5.4	Emissions from construction activities including plant and equipment		
5.5	Dust or odours from handling of materials including construction materials, sewage and waste		

5.6	Emissions from incineration of waste		
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)		
5.8	Emissions from any other sources		

6. Generation of Noise and Vibration, and Emissions of Light and Heat:

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data with source of information data
6.1	From operation of equipment e.g. engines, ventilation plant, crushers		
6.2	From industrial or similar processes		
6.3	From construction or demolition		
6.4	From blasting or piling		
6.5	From construction or operational traffic		
6.6	From lighting or cooling systems		
6.7	From any other sources		

7. Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
7.1	From handling, storage, use or spillage of hazardous materials		
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)		
7.3	By deposition of pollutants emitted to air into the land or into water		
7.4	From any other sources		
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?		

8. Risk of accidents during construction or operation of the Project, which could affect human health or the environment

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
8.1	From explosions, spillages, fires etc from storage, handling, use or production of hazardous substances		
8.2	From any other causes		
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)?		

9. Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
9.1	<p>Lead to development of supporting, utilities, ancillary development or development stimulated by the project which could have impact on the environment e.g.:</p> <ul style="list-style-type: none"> • Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.) • housing development • extractive industries • supply industries • other 		
9.2	Lead to after-use of the site, which could have an impact on the environment		
9.3	Set a precedent for later developments		
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects		

(III) Environmental Sensitivity

S.No.	Areas	Name/ Identity	Aerial distance (within 15 km.) Proposed project location boundary
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value		

2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests		
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration		
4	Inland, coastal, marine or underground waters		
5	State, National boundaries		
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas		
7	Defence installations		
8	Densely populated or built-up area		
9	Areas occupied by sensitive man-made land uses (<i>hospitals, schools, places of worship, community facilities</i>)		
10	Areas containing important, high quality or scarce resources (<i>ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals</i>)		
11	Areas already subjected to pollution or environmental damage. (<i>those where existing legal environmental standards are exceeded</i>)		
12	Areas susceptible to natural hazard which could cause the project to present environmental problems (<i>earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions</i>)		

(IV). Proposed Terms of Reference for EIA studies

APPENDIX II

(See paragraph 6)

FORM-1 A (only for construction projects listed under item 8 of the Schedule)**CHECK LIST OF ENVIRONMENTAL IMPACTS**

(Project proponents are required to provide full information and wherever necessary attach explanatory notes with the Form and submit along with proposed environmental management plan & monitoring programme)

1. LAND ENVIRONMENT

(Attach panoramic view of the project site and the vicinity)

1.1. Will the existing landuse get significantly altered from the project that is not consistent with the surroundings? (Proposed landuse must conform to the approved Master Plan / Development Plan of the area. Change of landuse if any and the statutory approval from the competent authority be submitted). Attach Maps of (i) site location, (ii) surrounding features of the proposed site (within 500 meters) and (iii) the site (indicating levels & contours) to appropriate scales. If not available attach only conceptual plans.

1.2. List out all the major project requirements in terms of the land area, built-up area, water consumption, power requirement, connectivity, community facilities, parking needs etc.

1.3. What are the likely impacts of the proposed activity on the existing facilities adjacent to the proposed site? (Such as open spaces, community facilities, details of the existing landuse, disturbance to the local ecology).

1.4. Will there be any significant land disturbance resulting in erosion, subsidence & instability? (Details of soil type, slope analysis, vulnerability to subsidence, seismicity etc may be given).

1.5. Will the proposal involve alteration of natural drainage systems? (Give details on a contour map showing the natural drainage near the proposed project site)

1.6. What are the quantities of earthwork involved in the construction activity-cutting, filling, reclamation etc. (Give details of the quantities of earthwork involved, transport of fill materials from outside the site etc.)

1.7. Give details regarding water supply, waste handling etc during the construction period.

1.8. Will the low lying areas & wetlands get altered? (Provide details of how low lying and wetlands are getting modified from the proposed activity)

1.9. Whether construction debris & waste during construction cause health hazard? (Give quantities of various types of wastes generated during construction including the construction labour and the means of disposal)

2. WATER ENVIRONMENT

2.1. Give the total quantity of water requirement for the proposed project with the breakup of requirements for various uses. How will the water requirement met? State the sources & quantities and furnish a water balance statement.

- 2.2. What is the capacity (discharge flow or yield) of the proposed source of water?
- 2.3. What is the quality of water required, in case, the supply is not from a municipal source? (Provide physical, chemical, biological characteristics with class of water quality)
- 2.4. How much of the water requirement can be met from the recycling of treated wastewater? (Give the details of quantities, sources and usage)
- 2.5. Will there be diversion of water from other users? (Please assess the impacts of the project on other existing uses and quantities of consumption)
- 2.6. What is the incremental pollution load from wastewater generated from the proposed activity? (Give details of the quantities and composition of wastewater generated from the proposed activity)
- 2.7. Give details of the water requirements met from water harvesting? Furnish details of the facilities created.
- 2.8. What would be the impact of the land use changes occurring due to the proposed project on the runoff characteristics (quantitative as well as qualitative) of the area in the post construction phase on a long term basis? Would it aggravate the problems of flooding or water logging in any way?
- 2.9. What are the impacts of the proposal on the ground water? (Will there be tapping of ground water; give the details of ground water table, recharging capacity, and approvals obtained from competent authority, if any)
- 2.10. What precautions/measures are taken to prevent the run-off from construction activities polluting land & aquifers? (Give details of quantities and the measures taken to avoid the adverse impacts)
- 2.11. How is the storm water from within the site managed?(State the provisions made to avoid flooding of the area, details of the drainage facilities provided along with a site layout indication contour levels)
- 2.12. Will the deployment of construction labourers particularly in the peak period lead to unsanitary conditions around the project site (Justify with proper explanation)
- 2.13. What on-site facilities are provided for the collection, treatment & safe disposal of sewage? (Give details of the quantities of wastewater generation, treatment capacities with technology & facilities for recycling and disposal)
- 2.14. Give details of dual plumbing system if treated waste used is used for flushing of toilets or any other use.

3. VEGETATION

- 3.1. Is there any threat of the project to the biodiversity? (Give a description of the local ecosystem with it's unique features, if any)

- 3.2. Will the construction involve extensive clearing or modification of vegetation? (Provide a detailed account of the trees & vegetation affected by the project)
- 3.3. What are the measures proposed to be taken to minimize the likely impacts on important site features (Give details of proposal for tree plantation, landscaping, creation of water bodies etc along with a layout plan to an appropriate scale)

4. FAUNA

- 4.1. Is there likely to be any displacement of fauna- both terrestrial and aquatic or creation of barriers for their movement? Provide the details.
- 4.2. Any direct or indirect impacts on the avifauna of the area? Provide details.
- 4.3. Prescribe measures such as corridors, fish ladders etc to mitigate adverse impacts on fauna

5. AIR ENVIRONMENT

- 5.1. Will the project increase atmospheric concentration of gases & result in heat islands? (Give details of background air quality levels with predicted values based on dispersion models taking into account the increased traffic generation as a result of the proposed constructions)
- 5.2. What are the impacts on generation of dust, smoke, odorous fumes or other hazardous gases? Give details in relation to all the meteorological parameters.
- 5.3. Will the proposal create shortage of parking space for vehicles? Furnish details of the present level of transport infrastructure and measures proposed for improvement including the traffic management at the entry & exit to the project site.
- 5.4. Provide details of the movement patterns with internal roads, bicycle tracks, pedestrian pathways, footpaths etc., with areas under each category.
- 5.5. Will there be significant increase in traffic noise & vibrations? Give details of the sources and the measures proposed for mitigation of the above.
- 5.6. What will be the impact of DG sets & other equipment on noise levels & vibration in & ambient air quality around the project site? Provide details.

6. AESTHETICS

- 6.1. Will the proposed constructions in any way result in the obstruction of a view, scenic amenity or landscapes? Are these considerations taken into account by the proponents?
- 6.2. Will there be any adverse impacts from new constructions on the existing structures? What are the considerations taken into account?
- 6.3. Whether there are any local considerations of urban form & urban design influencing the design criteria? They may be explicitly spelt out.
- 6.4. Are there any anthropological or archaeological sites or artefacts nearby? State if any other-significant features in the vicinity of the proposed site have been considered.

7. SOCIO-ECONOMIC ASPECTS

- 7.1. Will the proposal result in any changes to the demographic structure of local population? Provide the details.

7.2. Give details of the existing social infrastructure around the proposed project.

7.3. Will the project cause adverse effects on local communities, disturbance to sacred sites or other cultural values? What are the safeguards proposed?

8. BUILDING MATERIALS

8.1. May involve the use of building materials with high-embodied energy. Are the construction materials produced with energy efficient processes? (Give details of energy conservation measures in the selection of building materials and their energy efficiency)

8.2. Transport and handling of materials during construction may result in pollution, noise & public nuisance. What measures are taken to minimize the impacts?

8.3. Are recycled materials used in roads and structures? State the extent of savings achieved?

8.4. Give details of the methods of collection, segregation & disposal of the garbage generated during the operation phases of the project.

9. ENERGY CONSERVATION

9.1. Give details of the power requirements, source of supply, backup source etc. What is the energy consumption assumed per square foot of built-up area? How have you tried to minimize energy consumption?

9.2. What type of, and capacity of, power back-up do you plan to provide?

9.3. What are the characteristics of the glass you plan to use? Provide specifications of its characteristics related to both short wave and long wave radiation?

9.4. What passive solar architectural features are being used in the building? Illustrate the applications made in the proposed project.

9.5. Does the layout of streets & buildings maximise the potential for solar energy devices? Have you considered the use of street lighting, emergency lighting and solar hot water systems for use in the building complex? Substantiate with details.

9.6. Is shading effectively used to reduce cooling/heating loads? What principles have been used to maximize the shading of Walls on the East and the West and the Roof? How much energy saving has been effected?

9.7. Do the structures use energy-efficient space conditioning, lighting and mechanical systems? Provide technical details. Provide details of the transformers and motor efficiencies, lighting intensity and air-conditioning load assumptions? Are you using CFC and HCFC free chillers? Provide specifications.

9.8. What are the likely effects of the building activity in altering the micro-climates? Provide a self assessment on the likely impacts of the proposed construction on creation of heat island & inversion effects?

9.9. What are the thermal characteristics of the building envelope? (a) roof; (b) external walls; and (c) fenestration? Give details of the material used and the U-values or the R values of the individual components.

9.10. What precautions & safety measures are proposed against fire hazards? Furnish details of emergency plans.

9.11. If you are using glass as wall material provides details and specifications including emissivity and thermal characteristics.

9.12. What is the rate of air infiltration into the building? Provide details of how you are mitigating the effects of infiltration.

9.13. To what extent the non-conventional energy technologies are utilised in the overall energy consumption? Provide details of the renewable energy technologies used.

10. Environment Management Plan

The Environment Management Plan would consist of all mitigation measures for each item wise activity to be undertaken during the construction, operation and the entire life cycle to minimize adverse environmental impacts as a result of the activities of the project. It would also delineate the environmental monitoring plan for compliance of various environmental regulations. It will state the steps to be taken in case of emergency such as accidents at the site including fire.

APPENDIX III

(See paragraph 7)

GENERIC STRUCTURE OF ENVIRONMENTAL IMPACT ASSESMENT DOCUMENT

S.NO	EIA STRUCTURE	CONTENTS
1.	Introduction	<ul style="list-style-type: none"> • Purpose of the report • Identification of project & project proponent • Brief description of nature, size, location of the project and its importance to the country, region • Scope of the study – details of regulatory scoping carried out (As per Terms of Reference)
2.	Project Description	<ul style="list-style-type: none"> • Condensed description of those aspects of the project (based on project feasibility study), likely to cause environmental effects. Details should be provided to give clear picture of the following: <ul style="list-style-type: none"> • Type of project • Need for the project • Location (maps showing general location, specific location, project boundary & project site layout)

		<ul style="list-style-type: none"> • Size or magnitude of operation (incl. Associated activities required by or for the project) • Proposed schedule for approval and implementation • Technology and process description • Project description. Including drawings showing project layout, components of project etc. Schematic representations of the feasibility drawings which give information important for EIA purpose • Description of mitigation measures incorporated into the project to meet environmental standards, environmental operating conditions, or other EIA requirements (as required by the scope) • Assessment of New & untested technology for the risk of technological failure
3.	Description of the Environment	<ul style="list-style-type: none"> • Study area, period, components & methodology • Establishment of baseline for valued environmental components, as identified in the scope • Base maps of all environmental components
4.	Anticipated Environmental Impacts & Mitigation Measures	<ul style="list-style-type: none"> • Details of Investigated Environmental impacts due to project location, possible accidents, project design, project construction, regular operations, final decommissioning or rehabilitation of a completed project • Measures for minimizing and / or offsetting adverse impacts identified • Irreversible and Irretrievable commitments of environmental components • Assessment of significance of impacts (Criteria for determining significance, Assigning significance) • Mitigation measures
5.	Analysis of Alternatives (Technology & Site)	<ul style="list-style-type: none"> • In case, the scoping exercise results in need for alternatives: • Description of each alternative • Summary of adverse impacts of each alternative • Mitigation measures proposed for each alternative and • Selection of alternative

6.	Environmental Monitoring Program	<ul style="list-style-type: none"> • Technical aspects of monitoring the effectiveness of mitigation measures (incl. Measurement methodologies, frequency, location, data analysis, reporting schedules, emergency procedures, detailed budget & procurement schedules)
7.	Additional Studies	<ul style="list-style-type: none"> • Public Consultation • Risk assessment • Social Impact Assessment. R&R Action Plans
8.	Project Benefits	<ul style="list-style-type: none"> • Improvements in the physical infrastructure • Improvements in the social infrastructure • Employment potential –skilled; semi-skilled and unskilled. • Other tangible benefits
9.	Environmental Benefit Analysis	Cost If recommended at the Scoping stage
10.	EMP	<ul style="list-style-type: none"> • Description of the administrative aspects of ensuring that mitigative measures are implemented and their effectiveness monitored, after approval of the EIA
11.	Summary & Conclusion (This will constitute the summary of the EIA Report)	<ul style="list-style-type: none"> • Overall justification for implementation of the project • Explanation of how, adverse effects have been mitigated
12.	Disclosure of Consultants engaged	<ul style="list-style-type: none"> • The names of the Consultants engaged with their brief resume and nature of Consultancy rendered

APPENDIX III A
(See paragraph 7)

CONTENTS OF SUMMARY ENVIRONMENTAL IMPACT ASSESSMENT

The Summary EIA shall be a summary of the full EIA Report condensed to ten A-4 size pages at the maximum. It should necessarily cover in brief the following Chapters of the full EIA Report: -

1. Project Description
2. Description of the Environment
3. Anticipated Environmental impacts and mitigation measures
4. Environmental Monitoring Programme
5. Additional Studies
6. Project Benefits
7. Environment Management Plan

APPENDIX IV

(See paragraph 7)

PROCEDURE FOR CONDUCT OF PUBLIC HEARING

1.0 The Public Hearing shall be arranged in a systematic, time bound and transparent manner ensuring widest possible public participation at the project site(s) or in its close proximity District -wise, by the concerned State Pollution Control Board (SPCB) or the Union Territory Pollution Control Committee (UTPCC).

2.0 The Process:

2.1 The Applicant shall make a request through a simple letter to the Member Secretary of the SPCB or Union Territory Pollution Control Committee, in whose jurisdiction the project is located, to arrange the public hearing within the prescribed statutory period. In case the project site is extending beyond a State or Union Territory, the public hearing is mandated in each State or Union Territory in which the project is sited and the Applicant shall make separate requests to each concerned SPCB or UTPCC for holding the public hearing as per this procedure.

2.2 The Applicant shall enclose with the letter of request, at least 10 hard copies and an equivalent number of soft (electronic) copies of the draft EIA Report with the generic structure given in Appendix III including the Summary Environment Impact Assessment report in English and in the local language, prepared strictly in accordance with the Terms of Reference communicated after Scoping (Stage-2). Simultaneously the applicant shall arrange to forward copies, one hard and one soft, of the above draft EIA Report along with the Summary EIA report to the Ministry of Environment and Forests and to the following authorities or offices, within whose jurisdiction the project will be located:

- (a) District Magistrate/s
- (b) Zila Parishad or Municipal Corporation
- (c) District Industries Office
- (d) Concerned Regional Office of the Ministry of Environment and Forests

2.3 On receiving the draft Environmental Impact Assessment report, the above-mentioned authorities except the MoEF, shall arrange to widely publicize it within their respective jurisdictions requesting the interested persons to send their comments to the concerned regulatory authorities. They shall also make available the draft EIA Report for inspection electronically or otherwise to the public during normal office hours till the Public Hearing is over. The Ministry of Environment and Forests shall promptly display the Summary of the draft Environmental Impact Assessment report on its website, and also make the full draft EIA available for reference at a notified place during normal office hours in the Ministry at Delhi.

2.4 The SPCB or UTPCC concerned shall also make similar arrangements for giving publicity about the project within the State/Union Territory and make available the Summary of the draft Environmental Impact Assessment report (Appendix III A) for inspection in select offices or public libraries or panchayats etc. They shall also additionally

make available a copy of the draft Environmental Impact Assessment report to the above five authorities/offices viz, Ministry of Environment and Forests, District Magistrate etc.

3.0 Notice of Public Hearing:

3.1 The Member-Secretary of the concerned SPCB or UTPCC shall finalize the date, time and exact venue for the conduct of public hearing within 7(seven) days of the date of receipt of the draft Environmental Impact Assessment report from the project proponent, and advertise the same in one major National Daily and one Regional vernacular Daily. A minimum notice period of 30(thirty) days shall be provided to the public for furnishing their responses;

3.2 The advertisement shall also inform the public about the places or offices where the public could access the draft Environmental Impact Assessment report and the Summary Environmental Impact Assessment report before the public hearing.

3.3 No postponement of the date, time, venue of the public hearing shall be undertaken, unless some untoward emergency situation occurs and only on the recommendation of the concerned District Magistrate the postponement shall be notified to the public through the same National and Regional vernacular dailies and also prominently displayed at all the identified offices by the concerned SPCB or Union Territory Pollution Control Committee;

3.4 In the above exceptional circumstances fresh date, time and venue for the public consultation shall be decided by the Member-Secretary of the concerned SPCB or UTPCC only in consultation with the District Magistrate and notified afresh as per procedure under 3.1 above.

4.0 The Panel

4.1 The District Magistrate or his or her representative not below the rank of an Additional District Magistrate assisted by a representative of SPCB or UTPCC, shall supervise and preside over the entire public hearing process.

5.0 Videography

5.1 The SPCB or UTPCC shall arrange to video film the entire proceedings. A copy of the videotape or a CD shall be enclosed with the public hearing proceedings while forwarding it to the Regulatory Authority concerned.

6.0 Proceedings

6.1 The attendance of all those who are present at the venue shall be noted and annexed with the final proceedings.

6.2 There shall be no quorum required for attendance for starting the proceedings.

6.3 A representative of the applicant shall initiate the proceedings with a presentation on the project and the Summary EIA report.

6.4 Every person present at the venue shall be granted the opportunity to seek information or clarifications on the project from the Applicant. The summary of the public

hearing proceedings accurately reflecting all the views and concerns expressed shall be recorded by the representative of the SPCB or UTPCC and read over to the audience at the end of the proceedings explaining the contents in the vernacular language and the agreed minutes shall be signed by the District Magistrate or his or her representative on the same day and forwarded to the SPCB/UTPCC concerned.

6.5 A Statement of the issues raised by the public and the comments of the Applicant shall also be prepared in the local language and in English and annexed to the proceedings:

6.6 The proceedings of the public hearing shall be conspicuously displayed at the office of the Panchyats within whose jurisdiction the project is located, office of the concerned Zila Parishad, District Magistrate, and the SPCB or UTPCC. The SPCB or UTPCC shall also display the proceedings on its website for general information. Comments, if any, on the proceedings which may be sent directly to the concerned regulatory authorities and the Applicant concerned.

7.0 Time period for completion of public hearing

7.1 The public hearing shall be completed within a period of 45 (forty five) days from date of receipt of the request letter from the Applicant. Therefore the SPCB or UTPCC concerned shall send the public hearing proceedings to the concerned regulatory authority within 8(eight) days of the completion of the public hearing. The applicant may also directly forward a copy of the approved public hearing proceedings to the regulatory authority concerned along with the final Environmental Impact Assessment report or supplementary report to the draft EIA report prepared after the public hearing and public consultations.

7.2 If the SPCB or UTPCC fails to hold the public hearing within the stipulated 45(forty five) days, the Central Government in Ministry of Environment and Forests for Category 'A' project or activity and the State Government or Union Territory Administration for Category 'B' project or activity at the request of the SEIAA, shall engage any other agency or authority to complete the process, as per procedure laid down in this notification.

APPENDIX -V (See paragraph 7)

PROCEDURE PRESCRIBED FOR APPRAISAL

1. The applicant shall apply to the concerned regulatory authority through a simple communication enclosing the following documents where public consultations are mandatory: -
 - Final Environment Impact Assessment Report [20(twenty) hard copies and 1 (one) soft copy]
 - A copy of the video tape or CD of the public hearing proceedings
 - A copy of final layout plan (20 copies)
 - A copy of the project feasibility report (1 copy)
2. The Final EIA Report and the other relevant documents submitted by the applicant shall be scrutinized in office within 30 days from the date of its receipt by the concerned Regulatory Authority strictly with reference to the TOR and the inadequacies noted shall be communicated electronically or otherwise in a single set to the Members of the EAC

/SEAC enclosing a copy each of the Final EIA Report including the public hearing proceedings and other public responses received along with a copy of Form -1 or Form 1A and scheduled date of the EAC /SEAC meeting for considering the proposal .

3. Where a public consultation is not mandatory and therefore a formal EIA study is not required, the appraisal shall be made on the basis of the prescribed application Form 1 and a pre-feasibility report in the case of all projects and activities other than Item 8 of the Schedule .In the case of Item 8 of the Schedule, considering its unique project cycle , the EAC or SEAC concerned shall appraise all Category B projects or activities on the basis of Form 1, Form 1A and the conceptual plan and stipulate the conditions for environmental clearance . As and when the applicant submits the approved scheme /building plans complying with the stipulated environmental clearance conditions with all other necessary statutory approvals, the EAC /SEAC shall recommend the grant of environmental clearance to the competent authority.

4. Every application shall be placed before the EAC /SEAC and its appraisal completed within 60 days of its receipt with requisite documents / details in the prescribed manner.

5. The applicant shall be informed at least 15 (fifteen) days prior to the scheduled date of the EAC /SEAC meeting for considering the project proposal.

6. The minutes of the EAC /SEAC meeting shall be finalised within 5 working days of the meeting and displayed on the website of the concerned regulatory authority. In case the project or activity is recommended for grant of EC, then the minutes shall clearly list out the specific environmental safeguards and conditions. In case the recommendations are for rejection, the reasons for the same shall also be explicitly stated.

APPENDIX VI

(See paragraph 5)

COMPOSITION OF THE SECTOR/ PROJECT SPECIFIC EXPERT APPRAISAL COMMITTEE (EAC) FOR CATEGORY A PROJECTS AND THE STATE/UT LEVEL EXPERT APPRAISAL COMMITTEES (SEACs) FOR CATEGORY B PROJECTS TO BE CONSTITUTED BY THE CENTRAL GOVERNMENT

1. The Expert Appraisal Committees (EAC(s) and the State/UT Level Expert Appraisal Committees (SEACs) shall consist of only professionals and experts fulfilling the following eligibility criteria:

Professional: The person should have at least (i) 5 years of formal University training in the concerned discipline leading to a MA/MSc Degree, or (ii) in case of Engineering /Technology/Architecture disciplines, 4 years formal training in a professional training course together with prescribed practical training in the field leading to a B.Tech/B.E./B.Arch. Degree, or (iii) Other professional degree (e.g. Law) involving a total of 5 years of formal University training and prescribed practical training, or (iv) Prescribed apprenticeship/article ship and pass examinations conducted by the concerned professional association (e.g. Chartered Accountancy),or (v) a University degree , followed by 2 years of formal training in a University or Service Academy (e.g. MBA/IAS/IFS). In selecting the individual professionals, experience gained by them in their respective fields will be taken note of.

Expert: A professional fulfilling the above eligibility criteria with at least 15 years of relevant experience in the field, or with an advanced degree (e.g. Ph.D.) in a concerned field and at least 10 years of relevant experience.

Age: Below 70 years. However, in the event of the non-availability of /paucity of experts in a given field, the maximum age of a member of the Expert Appraisal Committee may be allowed up to 75 years

2. The Members of the EAC shall be Experts with the requisite expertise and experience in the following fields /disciplines. In the event that persons fulfilling the criteria of "Experts" are not available, Professionals in the same field with sufficient experience may be considered:

- **Environment Quality Experts:** Experts in measurement/monitoring, analysis and interpretation of data in relation to environmental quality

- **Sectoral Experts in Project Management:** Experts in Project Management or Management of Process/Operations/Facilities in the relevant sectors.

- **Environmental Impact Assessment Process Experts:** Experts in conducting and carrying out Environmental Impact Assessments (EIAs) and preparation of Environmental Management Plans (EMPs) and other Management plans and who have wide expertise and knowledge of predictive techniques and tools used in the EIA process

- **Risk Assessment Experts**

- **Life Science Experts in floral and faunal management**

- **Forestry and Wildlife Experts**

- **Environmental Economics Expert with experience in project appraisal**

3. The Membership of the EAC shall not exceed 15 (fifteen) regular Members. However the Chairperson may co-opt an expert as a Member in a relevant field for a particular meeting of the Committee.

4. The Chairperson shall be an outstanding and experienced environmental policy expert or expert in management or public administration with wide experience in the relevant development sector.

5. The Chairperson shall nominate one of the Members as the Vice Chairperson who shall preside over the EAC in the absence of the Chairman /Chairperson.

6. A representative of the Ministry of Environment and Forests shall assist the Committee as its Secretary.

7. The maximum tenure of a Member, including Chairperson, shall be for 2 (two) terms of 3 (three) years each.

8. The Chairman / Members may not be removed prior to expiry of the tenure without cause and proper enquiry.



भारत का राजपत्र

The Gazette of India

असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (ii)

PART II—Section 3—Sub-section (ii)

प्राधिकार से प्रकाशित

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पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय अधिसूचना

नई दिल्ली, 15 जनवरी, 2016

का. आ. 141(अ).—एक प्ररूप अधिसूचना, पर्यावरण (संरक्षण) नियम, 1986 के नियम 5 के उपनियम (3) की अपेक्षानुसार अधिसूचना, सं. का.आ. 1533 (अ) तारीख 14 सितम्बर, 2006 में कतिपय और संशोधन करने के लिए सं. का.आ. 2588 (अ) तारीख 22 सितम्बर, 2014 द्वारा प्रकाशित की गई थी, उन सभी व्यक्तियों से जिनके उससे प्रभावित होने की संभावना है उक्त अधिसूचना के राजपत्र की प्रतियां जनता को उपलब्ध होने की तारीख से साठ दिन की अवधि के भीतर आक्षेप और सुझाव आमंत्रित किए गए थे;

और उक्त राजपत्र की प्रतियां जनता को 22 सितम्बर, 2015 को उपलब्ध करा दी गई थीं ;

और केन्द्रीय सरकार द्वारा पूर्वोक्त वर्णित प्रारूप अधिसूचना पर प्राप्त सुझावों या आक्षेपों पर सम्यक्तः विचार किया गया है ;

और दीपक कुमार आदि बनाम हरियाणा राज्य और अन्य आदि के मामले में माननीय उच्चतम न्यायालय के 2009 की विशेष अनुमति याचिका (सि) सं. 19628-19629 तारीख 27 फरवरी, 2012 में आई.ए.सं. 12-13, के आदेश के अनुसरण में खनन पट्टे के क्षेत्र पर विचार किए बिना लघु खनिजों के खनन के लिए पूर्व पर्यावरणीय अनापत्ति अब आज्ञापक हो गई है ;

और माननीय उच्चतम न्यायालय के पूर्वोक्त आदेश के अनुसरण में ऐसे मामले जिनके लिए पूर्व पर्यावरणीय अनापत्ति अभिप्राप्त करना अपेक्षित हो गया है, सारवान रूप से बढ गए हैं ;

और माननीय राष्ट्रीय हरित अधिकरण ने बालू खनन के मामले में 13 जनवरी, 2015 के अपने आदेश द्वारा समूह में लघु खननों के खनन पट्टे की पर्यावरणीय अनापत्ति के लिए नीति बनाने का निदेश दिया है ;

और राज्य सरकारों ने लघु खनिजों के खनन के लिए पर्यावरणीय अनापत्ति की प्रक्रिया को सुव्यवस्थित बनाने के लिए अभ्यावेदन दिए हैं ;

और पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय ने राज्य सरकारों के साथ परामर्श से भरणीय बालू खनन के लिए मार्गदर्शक सिद्धांत तैयार किए हैं जिसमें क्लस्टर के लिए पर्यावरणीय निकासी के उपबंधों, जिला

- 10 का.आ. 562(अ) तारीख 26 फरवरी 2014;
11. का.आ. 637(अ) तारीख 28 फरवरी 2014;
12. का.आ. 1599(अ) तारीख 25 जून 2014;
13. का.आ. 2601(अ) तारीख 7 अक्टूबर 2014;
14. का.आ. 2600(अ) तारीख 9 अक्टूबर 2014
15. का.आ. 3252(अ) तारीख 22 दिसम्बर 2014;
16. का.आ. 382(अ) तारीख 3 फरवरी, 2015;
17. का.आ. 811(अ) तारीख 23 मार्च, 2015;
18. का.आ. 996(अ) तारीख 10 अप्रैल 2015;
19. का.आ. 1142(अ) तारीख 17 अप्रैल 2015;
20. का.आ. 1141(अ) तारीख 29 अप्रैल 2015;
21. का.आ. 1834(अ) तारीख 6 जुलाई 2015;

**MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
NOTIFICATION**

New Delhi, the 15th January, 2016

S.O. 141(E).—Whereas in exercise of the powers conferred by sub-section (1) and clause (v) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986), a draft notification for making certain amendments in the Environment Impact Assessment Notification, 2006, issued *vide* number S.O. 1533(E), dated the 14th September 2006, was published under sub-rule (3) of rule (5) of the Environment (Protection) Rules, 1986, *vide* number S.O. 2588(E), dated 22nd September, 2015, inviting objections and suggestions from all persons likely to be affected thereby, within a period of sixty days from the date of publication on which copies of Gazette containing the said notification were available to the public;

And whereas, copies of said notification were made available to the public on 22nd September 2015;

And whereas, all objections and suggestions received in response to the above mentioned draft notification have been duly considered by the Central Government;

And whereas, in pursuance to the order of Hon'ble Supreme Court dated the 27th February, 2012 in I.A. No.12-13 of 2011 in Special Leave Petition (C) No.19628-19629 of 2009, in the matter of Deepak Kumar etc. Vs. State of Haryana and Others etc., prior environmental clearance has now become mandatory for mining of minor minerals irrespective of the area of mining lease;

And whereas, as a result of the above said Order of Hon'ble Supreme Court, the number of cases which are now required to obtain prior environmental clearance has increased substantially;

And whereas, the Hon'ble National Green Tribunal, *vide* its order dated the 13th January, 2015 in the matter regarding sand mining has directed for making a policy on environmental clearance for mining leases in cluster for minor minerals;

And whereas, the State Governments have represented for streamlining the process of environmental clearance for mining of minor mineral;

And whereas, the Ministry of Environment, Forest and Climate Change in consultation with State Governments has prepared Guidelines on Sustainable Sand Mining detailing the provisions on environmental clearance for cluster, creation of District Environment Impact Assessment Authority and proper monitoring of sand mining using information technology and information technology enabled services to track the mined out material from source to destination;

Now, therefore, in exercise of the powers conferred by sub-section (1) and clause (v) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986 read with clause (d) of sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby makes the following amendments in the said notification, namely:-

In the said notification,-

(a) in paragraph 2, after the words "in the said Schedule", the following words shall be inserted, namely:-
"and at District level, the District Environment Impact Assessment Authority (DEIAA) for matters falling under Category 'B2' for mining of minor minerals in the said Schedule";

(b) after paragraph 3, the following paragraph shall be inserted, namely:-

"3 A. District Level Environment Impact Assessment Authority:-

- (1) A District Level Environment Impact Assessment Authority hereinafter referred to as the DEIAA shall be constituted by the Central Government under sub-section (3) of section 3 of the Environment (Protection) Act, 1986 comprising of four members including a Chairperson and a Member-Secretary.
- (2) The District Magistrate or District Collector shall be the Chairperson of the DEIAA.
- (3) The Sub-Divisional Magistrate or Sub-Divisional Officer of the district head quarter of the concerned district of the State shall be the Member-Secretary of the DEIAA.
- (4) The other two members of the DEIAA shall be the senior most Divisional Forest Officer and one expert. The expert shall be nominated by the Divisional Commissioner of the Division or Chief Conservator of Forest, as the case may be. The term and qualifications of the expert fulfilling the eligibility criteria are given in Appendix VII to this notification.
- (5) The members of the DEIAA who are serving officers of the concerned State Government or the Union territory Administration shall be *ex-officio* members except the expert member.
- (6) The District Level Expert Appraisal Committee hereinafter referred to as the DEAC shall comprise of eleven members, including a Chairman and a Member-Secretary.
- (7) The senior most Executive Engineer, Irrigation Department in the district of respective State Governments or Union territory Administration shall be the Chairperson of the DEAC.
- (8) The Assistant Director or Deputy Director of the Department of Mines and Geology or District Mines Officer or Geologist of the district shall be the Member-Secretary of the DEAC in that order.
- (9) A representative of the State Pollution Control Board or Committee, senior most Sub-Divisional Officer (Forest) in the district, representative of Remote Sensing Department or Geology Department or State Ground Water Department, one occupational health expert or Medical Officer to be nominated by the District Magistrate or District Collector, Engineer from Zila Parishad, and three expert members to be nominated by the Divisional Commissioner or Chief Conservator of Forest, as the case may be, shall be the other members of the DEAC. The term and qualifications of the experts fulfilling the eligibility criteria are given in Appendix VII to this notification.
- (10) The members of the DEAC who are serving officers of the concerned State Government or the Union territory Administration shall be *ex-officio* members except the expert members.
- (11) The District Magistrate or District Collector shall notify an agency to act as Secretariat for the DEIAA and the DEAC and shall provide all financial and logistic support for their statutory functions.
- (12) The DEIAA and DEAC shall exercise the powers and follow the procedure as specified in the said notification, as amended from time to time.
- (13) The DEAC shall function on the principle of collective responsibility and the Chairman shall endeavor to reach a consensus in each case and if consensus cannot be reached, the view of the majority shall prevail. ";

(c) in paragraph 4, after sub-paragraph (iii), the following sub-paragraph shall be inserted, namely:-

"(iv) The 'B2' Category projects pertaining to mining of minor mineral of lease area less than or equal to five hectare shall require prior environmental clearance from DEIAA. The DEIAA shall base its decision on the recommendations of DEAC, as constituted for this notification." ;

(d) for paragraph 5, the following paragraph shall be substituted, namely:-

"5. Screening, Scoping and Appraisal Committees:-

The same Expert Appraisal Committees (EACs) at the Central Government, SEACs at the State or Union territory level and DEAC at the district level shall screen, scope and appraise projects or activity in category 'A', 'B1 and B2' and 'B2' projects for mining of minor minerals of lease area less than and equal to five hectare respectively. EAC, SEACs and DEACs shall meet at least once every month.

(a) The composition of the EAC shall be as given in Appendix VI. The SEAC at the State or the Union territory level shall be constituted by the Central Government in consultation with the concerned State Government or the Union

territory Administration with identical composition. DEAC at the district level shall be constituted by the Central Government as per the composition given in paragraph 3 A.

(b) The Central Government may with the prior concurrence of the concerned State Governments or the Union territory Administration constitute one SEAC for more than one State or Union territory for reasons of administrative convenience and cost.

(c) The EAC and SEAC shall be reconstituted after every three years.

(d) The authorised members of the EAC, SEACs and DEACs concerned, may inspect any site connected with the project or activity in respect of which the prior environmental clearance is sought for the purpose of screening or scoping or appraisal with prior notice of at least seven days to the project proponent who shall provide necessary facilities for the inspection.

(e) The EAC, SEACs and DEACs shall function on the principle of collective responsibility. The Chairperson shall endeavor to reach a consensus in each case and if consensus cannot be reached the view of the majority shall prevail.”;

(e) for paragraph 6, the following paragraph shall be substituted, namely:-

“6. Application for Prior Environmental Clearance (EC):-

An application seeking prior environmental clearance in all cases shall be made by the project proponent in the prescribed Form I annexed herewith and Supplementary Form 1A, if applicable, as given in Appendix II after the identification of prospective site (s) for the project and/or activities to which the application relates; and in Form 1M for mining of minor minerals up to five hectare under Category ‘B2’ projects, as given in Appendix VIII, before commencing any construction activity, or preparation of land, or mining at the site by the project proponent. The project proponent shall furnish along with the application, a copy of the pre-feasibility project report, in addition to Form 1, Form 1A, and Form 1M; and in case of construction projects or activities (item 8 of the Schedule), a copy of the conceptual plan shall be provided instead of pre-feasibility report.”;

(f) in paragraph 7,-

(i) in sub-paragraph (i), under the heading “I. Stage (1)- Screening:”, the existing sub-paragraph shall be lettered as sub-paragraph “(A)” and after sub-paragraph as so lettered, the following sub-paragraph shall be inserted, namely:-
“(B) The cases as specified in Appendix IX shall be exempted from prior environmental clearance.”;

(ii) after sub-paragraph 7 (ii), the following sub-paragraph shall be inserted, namely:-

“7 (iii) Preparation of District Survey Report for Sand Mining or River Bed Mining and Mining of other Minor Minerals:

(a) The prescribed procedure for preparation of District Survey Report for sand mining or river bed mining and mining of other minor minerals is given in Appendix X.

(b) The prescribed procedure for environmental clearance for mining of minor minerals including cluster situation is given in Appendix XI.”;

(g) in paragraph 8,-

(i) for the letters and word “EAC or SEAC”, the words and letters “EAC or SEAC or DEAC” shall be substituted;

(ii) for the words “Expert Appraisal Committee or State Level Expert Appraisal Committee” wherever they occur, the words “Expert Appraisal Committee or State Level Expert Appraisal Committee or District Level Expert Appraisal Committee” shall be substituted;

(h) in paragraph 9, in sub-paragraph (i),-

for the words “Expert Appraisal Committee or State Level Expert Appraisal Committee”, the words “Expert Appraisal Committee or State Level Expert Appraisal Committee or District Level Expert Appraisal Committee” shall be substituted;

(i) in paragraph 10, after sub-paragraph (iii), the following sub-paragraph shall be inserted, namely:-

“(iv) The prescribed procedure for sand mining or river bed mining and monitoring is given in Appendix XII.”;

(j) in paragraph 11, -

for the words “Expert Appraisal Committee or State Level Expert Appraisal Committee”, the words “Expert Appraisal Committee or State Level Expert Appraisal Committee or District Level Expert Appraisal Committee” shall be substituted;

(k) in the Schedule,-

(i) for item 1 (a) and the entries relating thereto, the following item and entries shall be substituted, namely:-

(1)	(2)	(3)	(4)	(5)
“1(a)	(i) Mining of minerals	≥50 ha of mining lease area in respect of non-coal mine lease >150 ha of mining lease area in respect of coal mine lease Asbestos mining	<50 ha of mining lease area in respect of non-coal mine lease ≤150 ha of mining lease area in respect of coal mine lease	General Conditions shall apply except: (i) for project or activity of mining of minor minerals of Category ‘B2’ (up to 25 ha of mining lease area); (ii) River bed mining projects on account of inter-state boundary.

		irrespective of mining area		<p>Note:</p> <p>(1) Mineral prospecting is exempted. ”;</p> <p>(2) The prescribed procedure for environmental clearance for mining of minor minerals including cluster situation is given in Appendix XI.”;</p> <p>(3) The mining leases which have obtained environmental clearance under Environment Impact Assessment Notification, 1994 and Environment Impact Assessment Notification, 2006 shall not require fresh environmental clearance during renewal provided the project has valid and subsisting environmental clearance.</p>
	(ii) Slurry pipelines (coal lignite and other ores) passing through national parks or sanctuaries or coral reefs, ecologically sensitive areas.	All projects.		

(l) after Appendix VI, the following appendices shall be inserted, namely:-

“APPENDIX VII

(See paragraph 3 A)

Qualifications and terms for the Experts in DEIAA and DEAC

- 1. Qualification:** The person should have at least (i) 5 years of formal University training in the concerned discipline leading to a MA or M Sc Degree or (ii) in case of Engineering/ Technology/ Architectural discipline, 4 years formal training course together with prescribed practical training in the field leading to a B. Tech/ B.E./ B. Arch. Degree, or (iii) Other professional degree (e.g. MBA etc.) involving a total of 5 years of formal University training and prescribed practical training, or (iv) Prescribed apprenticeship/ article ship and pass examinations conducted by the concerned professional associations (e.g. Chartered Accountancy) or (v) a University degree, followed by two years of formal training in a University or Service Academy (e.g. MBA/MPA etc.). In selecting the individual professionals, experience gained by them in their respective fields will be taken note of.
- 2. Expert:** A professional fulfilling the above eligibility criteria with at least 10 years of relevant experience in the field or with an advanced degree (e.g. Ph. D) in a concerned field with at least 5 years of relevant experience.
- 3. Age:** Below 70 years. However, in the event of non-availability of paucity of experts in a given field, the maximum age of a member may be allowed up to 75 years.
- 4. Fields:** Experts in Mining, Geology, Hydrology, Remote Sensing, Environment Quality, Environment Impact Assessment Process, Risk Assessment, Life Sciences, Marine Sciences, Forestry and Wildlife, Environmental Economics, Bio-diversity, and River Ecology.

5. **Tenure:** The maximum tenure of expert members shall be for two terms of three years each.
6. The Expert Members may not be removed prior to expiry of the tenure without cause and proper enquiry.

APPENDIX VIII
(See paragraph 6)

FORM 1 M

APPLICATION FOR MINING OF MINOR MINERALS UNDER CATEGORY 'B2' FOR LESS THAN AND EQUAL TO FIVE HECTARE

(II) Basic Information

- (viii) Name of the Mining Lease site:
(ix) Location / site (GPS Co-ordinates):
(x) Size of the Mining Lease (Hectare):
(xi) Capacity of Mining Lease (TPA):
(xii) Period of Mining Lease:
(xiii) Expected cost of the Project:
(xiv) Contact Information:

Environmental Sensitivity

Sl. No.	Areas	Distance in kilometer / Details
1.	Distance of project site from nearest rail or road bridge over the concerned River, Rivulet, Nallah etc.	
2.	Distance from infrastructural facilities Railway line National Highway State Highway Major District Road Any Other Road Electric transmission line pole or tower Canal or check dam or reservoirs or lake or ponds In-take for drinking water pump house Intake for Irrigation canal pumps	
3.	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	
4.	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	
5.	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	
6.	Inland, coastal, marine or underground waters	
7.	State, National boundaries	
8.	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	
9.	Defence installations	
10.	Densely populated or built-up area, distance from nearest human habitation	
11.	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)	
12.	Areas containing important, high quality or scarce resources (ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)	
13.	Areas already subjected to pollution or environmental damage. (those where existing legal environmental standards are exceeded)	
14.	Areas susceptible to natural hazard which could cause the project to present environmental problems (earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions)	

15.	Is proposed mining site located over or near fissure / fracture for ground water recharge	
16.	Whether the proposal involves approval or clearance under the following Regulations or Acts, namely:- (a) The Forest (Conservation) Act, 1980; (b) The Wildlife (Protection) Act, 1972; (c) The Coastal Regulation Zone Notification, 2011. If yes, details of the same and their status to be given.	
17.	Forest land involved (hectares)	
18.	Whether there is any litigation pending against the project and/or land in which the project is propose to be set up? (a) Name of the Court (b) Case No. (c) Orders or directions of the Court, if any, and its relevance with the proposed project.	

(Signature of Project Proponent
Along with name and address)

APPENDIX - IX

[See paragraph 7(i) (B)]

EXEMPTION OF CERTAIN CASES FROM REQUIREMENT OF ENVIRONMENTAL CLEARANCE

The following cases shall not require prior environmental clearance, namely:-

1. Extraction of ordinary clay or sand, manually, by the Kumhars (Potter) to prepare earthen pots, lamp, toys, etc. as per their customs.
2. Extraction of ordinary clay or sand, manually, by earthen tile makers who prepare earthen tiles.
3. Removal of sand deposits on agricultural field after flood by farmers.
4. Customary extraction of sand and ordinary earth from sources situated in Gram Panchayat for personal use or community work in village.
5. Community works like de-silting of village ponds or tanks, construction of village roads, ponds, bunds undertaken in Mahatama Gandhi National Rural Employment and Guarantee Schemes, other Government sponsored schemes, and community efforts.
6. Dredging and de-silting of dams, reservoirs, weirs, barrages, river, and canals for the purpose of their maintenance, upkeep and disaster management.
7. Traditional occupational work of sand by Vanjara and Oads in Gujarat *vide* notification number GU/90(16)/MCR-2189(68)/5-CHH, dated the 14th February, 1990 of the Government of Gujarat.
8. Digging of well for irrigation or drinking water.
9. Digging of foundation for buildings not requiring prior environmental clearance.
10. Excavation of ordinary earth or clay for plugging of any breach caused in canal, nala, draio, water body, etc., to deal with any disaster or flood like situation upon orders of District Collector or District Magistrate.
11. Activities declared by State Government under legislations or rules as non-mining activity with concurrence of the Ministry of Environment, Forest and Climate Change, Government of India.

APPENDIX - X

[See paragraph 7 (iii) (a)]

PROCEDURE FOR PREPARATION OF DISTRICT SURVEY REPORT

The main objective of the preparation of District Survey Report (as per the Sustainable Sand Mining Guideline) is to ensure the following:

Identification of areas of aggradations or deposition where mining can be allowed; and identification of areas of erosion and proximity to infrastructural structures and installations where mining should be prohibited and calculation of annual rate of replenishment and allowing time for replenishment after mining in that area.

The report shall have the following structure:

1. Introduction
2. Overview of Mining Activity in the District
3. The List of Mining Leases in the District with location, area and period of validity
4. Details of Royalty or Revenue received in last three years
5. Detail of Production of Sand or Bajari or minor mineral in last three years
6. Process of Deposition of Sediments in the rivers of the District
7. General Profile of the District
8. Land Utilization Pattern in the district: Forest, Agriculture, Horticulture, Mining etc.

9. Physiography of the District
 10. Rainfall: month-wise
 11. Geology and Mineral Wealth

In addition to the above, the report shall contain the following:

- (a) District wise detail of river or stream and other sand source.
 (b) District wise availability of sand or gravel or aggregate resources.
 (c) District wise detail of existing mining leases of sand and aggregates.

A survey shall be carried out by the DEIAA with the assistance of Geology Department or Irrigation Department or Forest Department or Public Works Department or Ground Water Boards or Remote Sensing Department or Mining Department etc. in the district.

Drainage system with description of main rivers

S. No.	Name of the River	Area drained (Sq. Km)	% Area drained in the District

Salient Features of Important Rivers and Streams:

S. No.	Name of the River or Stream	Total Length in the District (in Km)	Place of origin	Altitude at Origin

Portion of the River or Stream Recommended for Mineral Concession	Length of area recommended for mineral concession (in kilometer)	Average width of area recommended for mineral concession (in meters)	Area recommended for mineral concession (in square meter)	Mineable mineral potential (in metric tonne) (60% of total mineral potential)

Mineral Potential

Boulder (MT)	Bajari (MT)	Sand (MT)	Total Mineable Mineral Potential (MT)

Annual Deposition

S. No.	River or Stream	Portion of the river or stream recommended for mineral concession	Length of area recommended for mineral concession (in kilometer)	Average width of area recommended for mineral concession (in meters)	Area recommended for mineral concession (in square meter)	Mineable mineral potential (in metric tonne) (60% of total mineral potential)
Total for the District						

A Sub-Divisional Committee comprising of Sub-Divisional Magistrate, Officers from Irrigation department, State Pollution Control Board or Committee, Forest department, Geology or mining officer shall visit each site for which environmental clearance has been applied for and make recommendation on suitability of site for mining or prohibition thereof.

Methodology adopted for calculation of Mineral Potential:

The mineral potential is calculated based on field investigation and geology of the catchment area of the river or streams. As per the site conditions and location, depth of minable mineral is defined. The area for removal of the mineral in a river or stream can be decided depending on geo-morphology and other factors, it can be 50 % to 60 % of the area of a particular river or stream. For example in some hill States mineral constituents like boulders, river born Bajri, sand up

to a depth of one meter are considered as resource mineral. Other constituents like clay and silt are excluded as waste while calculating the mineral potential of particular river or stream.

The District Survey Report shall be prepared for each minor mineral in the district separately and its draft shall be placed in the public domain by keeping its copy in Collectorate and posting it on district's website for twenty one days. The comments received shall be considered and if found fit, shall be incorporated in the final Report to be finalised within six months by the DEIAA.

The District Survey Report shall form the basis for application for environmental clearance, preparation of reports and appraisal of projects. The Report shall be updated once every five years.

APPENDIX - XI

[See paragraph 7 (iii) (b)]

PROCEDURE FOR ENVIRONMENTAL CLEARANCE FOR MINING OF MINOR MINERALS INCLUDING CLUSTER

The following policy shall be followed for environmental clearance of mining of minor minerals including cluster situation:-

- (1). The data provided by the States (Sustainable Sand Mining Guidelines) shows that most of the mining leases for minor minerals are of lease area less than 5 hectare. It is also reported that in hill States getting a stretch in river with area more than 5 hectare is very uncommon. So the size of lease for minor minerals including river sand mining will be determined by the States as per their circumstances.
- (2). The mining of minor minerals is mostly in clusters. The Environment Impact Assessment or Environment Management Plan are required to be prepared for the entire cluster in order to capture all the possible externalities. These reports shall capture carrying capacity of the cluster, transportation and related issues, replenishment and recharge issues, geo-hydrological study of the cluster area. The Environment Impact Assessment or Environment Management Plan shall be prepared by the State or State nominated Agency or group of project proponents in the Cluster or the project proponent in the cluster.
- (3). There shall be one public consultation for entire cluster after which the final Environment Impact Assessment or Environment Management Plan report for the cluster shall be prepared.
- (4). Environmental clearance shall be applied for and issued to the individual project proponent. The individual lease holders in cluster can use the same Environment Impact Assessment or Environment Management Plan for application for environmental clearance. The cluster Environment Impact Assessment or Environment Management Plan shall be updated as per need keeping in view any significant change.
- (5). The details of cluster Environment Impact Assessment or Environment Management Plan shall be reflected in each environmental clearance in that cluster and DEAC, SEAC, and EAC shall ensure that the mitigative measures emanating from the Environment Impact Assessment or Environment Management Plan study are fully reflected as environmental clearance conditions in the environmental clearance's of individual project proponents in that cluster.
- (6). A cluster shall be formed when the distance between the peripheries of one lease is less than 500 meters from the periphery of other lease in a homogeneous mineral area.
- (7). Form 1M, Pre-Feasibility Report and mine plan for Category 'B2' projects for mining of minor minerals shall be prepared by the Registered Qualified Person or Accredited Consultants of Quality Council of India, National Accreditation Board for Education and Training. The Environment Impact Assessment or Environment Management Plan for Category 'A' and Category 'B1' projects shall be prepared by the accredited consultants of Quality Council of India, National Accreditation Board for Education and Training.
- (8). The SEIAAs shall have supervisory jurisdiction over the DEIAAs and decisions of DEIAA shall be reviewed by the SEIAA without prejudice to any provisions under any existing law.

Schematic Presentation of Requirements on Environmental Clearance of Minor Minerals including cluster situation

Area of Lease (Hectare)	Category of Project	Requirement of EIA / EMP	Requirement of Public Hearing	Requirement of EC	Who can prepare EIA/ EMP	Who will apply for EC	Authority to appraise/ grant EC	Authority to monitor EC compliance
EC Proposal of Sand Mining and other Minor Mineral Mining on the basis of individual mine lease								
0 - Sha	'B2'	Form -1M, PFR and Approved Mine Plan	No	Yes	Project Proponent	Project Proponent	DEAC/ DEIAA	DEIAA SEIAA SPCB CPCB MoEFCC Agency

> 5 ha and < 25 ha	'B2'	Form -I, PFR and Approved Mine Plan and EMP	No	Yes	Project Proponent	Project Proponent	SEAC/ SEIAA	nominated by MoEFCC
≥ 25ha and < 50ha	'B1'	Yes	Yes	Yes	Project Proponent	Project Proponent	SEAC/ SEIAA	
≥ 50 ha	'A'	Yes	Yes	Yes	Project Proponent	Project Proponent	EAC/ MoEFCC	
EC Proposal of Sand Mining and other Minor Mineral Mining in cluster situation								
Cluster area of mine leases up to 5 ha	'B2'	Form -IM, PFR and Approved Mine Plan	No	Yes	State, State Agency, Group of Project Proponents, Project Proponent	Project Proponent	DEAC/ DEIAA/	DEIAA SEIAA SPCB CPCB MoEFCC Agency nominated by MoEFCC
Cluster area of Mine leases > 5 ha and < 25 ha with no individual lease > 5 ha	'B2'	Form -I, PFR and Approved Mine Plan and one EMP for all leases in the Cluster	No	Yes	State, State Agency, Group of Project Proponents, Project Proponent	Project Proponent	DEAC/ DEIAA/	
Cluster of mine leases of area ≥ 25 hectares with individual lease size < 50ha	'B1'	Yes	Yes	Yes	State, State Agency, Group of Project Proponents, Project Proponent	Project Proponent	SEAC/ SEIAA	
Cluster of any size with any of the individual lease ≥ 50ha	'A'	Yes	Yes	Yes	State, State Agency, Group of Project Proponents, Project Proponent	Project Proponent	EAC/ MoEFCC	

APPENDIX - XII

[See paragraph 10 (iv)]

PROCEDURE FOR MONITORING OF SAND MINING OR RIVER BED MINING

1. The security feature of Transport Permit shall be as under:

- (a) Printed on Indian Banks' Association (IBA) approved Magnetic Ink Character Recognition (MICR) Code paper.
- (b) Unique Barcode.
- (c) Unique Quick Response (QR) code.
- (d) Fugitive Ink Background.
- (e) Invisible Ink Mark.
- (f) Void Pantograph.
- (g) Watermark.

2. Requirement at Mine Lease Site:

- (a) Small Size Plot (Up to 5 hectare): Android Based Smart Phone.

- (b) Large Size Plots (More than 5 hectare): CCTV camera, Personal Computer (PC), Internet Connection, Power Back up.
- (c) Access control of mine lease site.
- (d) Arrangement for weight or approximation of weight of mined out mineral on basis of volume of the trailer of vehicle used.
3. Scanning of Transport Permit or Receipt and Uploading on Server:
- (a) Website: Scanning of receipt on mining site can be done through barcode scanner and computer using the software;
- (b) Android Application: Scanning on mining site can be done using Android Application using smart phone. It will require internet availability on SIM card;
- (c) SMS: Transport Permit or Receipt shall be uploaded on server even by sending SMS through mobile. Once Transport Permit or Receipt get uploaded, an unique invoice code gets generated with its validity period.
4. Proposed working of the system:
- The State Mining Department should print the Transport Permit or Receipt with security features enumerated at Paragraph 1 above and issue them to the mine lease holder through the District Collector. Once these Transport Permits or Receipts are issued, they would be uploaded on the server against that mine lease area. Each receipt should be preferably with pre-fixed quantity, so the total quantity gets determined for the receipts issued.
- When the Transport Permit or Receipt barcode gets scanned and invoice is generated, that particular barcode gets used and its validity time is recorded on the server. So all the details of transporting of mined out material can be captured on the server and the Transport Permit or Receipt cannot be reused.
5. Checking On Route:
- The staff deployed for the purpose of checking of vehicles carrying mined mineral should be in a position to check the validity of Transport Permit or Receipt by scanning them using website, Android Application and SMS.
6. Breakdown of Vehicle:
- In case the Vehicle breakdown, the validity of Transport Permit or Receipt shall be extended by sending SMS by driver in specific format to report breakdown of vehicle. The server will register this information and register the breakdown. The State can also establish a call centre, which can register breakdowns of such vehicles and extend the validity period. The subsequent restart of the vehicle also should be similarly reported to the server or call centre.
7. Tracking of Vehicles:
- The route of vehicle from source to destination can be tracked through the system using check points, RFID Tags, and GPS tracking.
8. Alerts or Report Generation and Action Review:
- The system will enable the authorities to develop periodic report on different parameters like daily lifting report, vehicle log or history, lifting against allocation, and total lifting. The system can be used to generate auto mails or SMS. This will enable the District Collector or District Magistrate to get all the relevant details and shall enable the authority to block the scanning facility of any site found to be indulged in irregularity. Whenever any authority intercepts any vehicle transporting illegal sand, it shall get registered on the server and shall be mandatory for the officer to fill in the report on action taken. Every intercepted vehicle shall be tracked.
- The monitoring of mined out mineral, environmental clearance conditions and enforcement of Environment Management Plan will be ensured by the DEIAA, SEIAA and the State Pollution Control Board or Committee. The monitoring arrangements envisaged above shall be put in place not later than three months. The monitoring of enforcement of environmental clearance conditions shall be done by the Central Pollution Control Board, Ministry of Environment, Forest and Climate Change and the agency nominated by the Ministry for the purpose.”

[No. Z-11013/98/2014-IA-II (M)]

MANOJ KUMAR SINGH, Jt. Secy.

Note: The principal rules were published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii) *vide* number S.O. 1533 (E), dated the 14th September, 2006 and subsequently amended *vide* the following numbers :-

1. S.O. 1737 (E) dated the 11th October, 2007;
2. S.O. 3067 (E) dated the 1st December, 2009;
3. S.O. 695 (E) dated the 4th April, 2011;
4. S.O. 2896 (E) dated the 13th December, 2012;
5. S.O. 674 (E) dated the 13th March, 2013;
6. S.O. 2204 (E) dated the 19th July 2013;
7. S.O. 2555 (E) dated the 21st August, 2013;
8. S.O. 2559 (E) dated the 22nd August, 2013;
9. S.O. 2731 (E) dated the 9th September, 2013;
10. S.O. 562 (E) dated the 26th February, 2014;
11. S.O. 637 (E) dated the 28th February, 2014;
12. S.O. 1599 (E) dated the 25th June, 2014;
13. S.O. 2601 (E) dated the 7th October, 2014;
14. S.O. 2600 (E) dated the 9th October, 2014
15. S.O. 3252 (E) dated the 22nd December, 2014;
16. S.O. 382 (E) dated the 3rd. February, 2015;
17. S.O. 811 (E) dated the 23rd March, 2015;
18. S.O. 996 (E) dated the 10th April, 2015;
19. S.O. 1142 (E) dated the 17th April, 2015;
20. S.O. 1141 (E) dated the 29th April, 2015;
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अधिसूचना

नई दिल्ली, 1 जुलाई, 2016

का.आ. 2269 (अ).—भारत के राजपत्र, असाधारण, भाग II, खंड 3, उपखंड (ii) में प्रकाशित तत्कालीन पर्यावरण और वन मंत्रालय की अधिसूचना संख्या का.आ. 1533(अ), तारीख 14 सितंबर, 2006 (जिसे इसमें इसके पश्चात् उक्त अधिसूचना कहा गया है), द्वारा लघु खनिजों के लिए पर्यावरणीय अनापत्ति और क्लस्टर में पट्टों के लिए पर्यावरण आपत्ति पर निदेश दिए गए हैं;

और उक्त अधिसूचना में समूह का उपबंध राजस्थान राज्य में व्यवहारिक कठिनाई उत्पन्न कर रहा है, जहां अधिकांश छोटे आकार (15x30 वर्ग मीटर या 30x60 वर्ग मीटर) के पट्टे और खदान अनुज्ञप्तियां अनेक वर्षों से प्रचालन में हैं। ऐसे अधिकांश पट्टे वर्षों पूर्व अनुदत्त किए गए हैं और कुटुंब विभाजनों के साथ आगे विखंडित कर दिए गए हैं। ये खान दो पट्टों के मध्य कोई स्थान न छोड़ते हुए एक दूसरे के सन्निकट अवस्थित हैं, जिनसे व्यष्टिक पट्टों के लिए पर्यावरण प्रबंध योजना को तैयार करने और उसे कार्यान्वित करने में कठिनाई होती है;

और अनेक पट्टेदार जिन्होंने व्यष्टिक पट्टों के लिए पर्यावरण अनापत्ति के लिए आवेदन किया है किंतु उक्त अधिसूचना में क्लस्टर के वर्गीकरण द्वारा इन्हें बी-1 प्रवर्ग में सम्मिलित किया जा रहा है और राज्य स्तर पर प्रक्रिया की जानी है, जबकि छोटे पट्टों के लिए मूल्यांकन और पर्यावरणीय अनापत्ति का कार्य जिला स्तरीय प्राधिकारी को समनुदेशित किया जाता है;

और केन्द्रीय सरकार, खानों के बंद हो जाने के कारण राजस्थान राज्य में अधिकांश व्यक्तियों की अचानक बेरोजगारी को ध्यान में रखते हुए ऐसे व्यक्तियों से, जनहित में पर्यावरण संरक्षण नियम 1986 के नियम 5 के उप नियम (3) के खंड (क) के अधीन उनसे प्रभावित होने की संभावना है, आक्षेप और सुझाव आमंत्रित करने वाली लोक सूचना से छूट देकर उक्त अधिसूचना का संशोधन करती है;

अतः, अब, केन्द्रीय सरकार पर्यावरण (संरक्षण) नियम, 1986 के नियम 5 के उप नियम (4) के साथ पठित पर्यावरण (संरक्षण) नियम, 1986 (1986 का 29) की धारा 3 की उपधारा (1) और उप धारा (2) के खंड (v) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए जनहित में उक्त नियम 5 के उप नियम (3) के खंड (क) के अधीन सूचना की अपेक्षा से अभिमुक्त करने के पश्चात् भारत सरकार के तत्कालीन वन और पर्यावरण मंत्रालय की अधिसूचना संख्या का.आ. 1533(अ), तारीख 14 सितंबर, 2006 में निम्नलिखित और संशोधन करती है, अर्थात्:-

उक्त अधिसूचना में,-

(क) अनुसूची के, स्तंभ (5) की मद 1(क) में, प्रविष्टि (ii) को प्रविष्टि (iii) के रूप में पुनर्संख्यांकित किया जाएगा और इस प्रकार पुनर्संख्यांकित प्रविष्टि (ii) से पहले निम्नलिखित प्रविष्टि अंतःस्थापित की जाएगी, अर्थात्:-

“(ii) खनन पट्टा क्षेत्र के कलस्टर की दशा में प्रवर्ग ‘बी 1’ के लघु खनिजों के खनन की परियोजना या क्रियाकलाप के लिए;”;

(ख) परिशिष्ट 11 में,-

(i) पैरा 6 के स्थान पर निम्नलिखित रखा जाएगा, अर्थात्:-

“(6) कोई कलस्टर उस समय बनाया जाएगा जब एक लीज के परिसरों के बीच दूरी उस सदृश खनिज क्षेत्र में अन्य पट्टे के परिसर से 500 मीटर से कम है, जो 9 सितंबर, 2013 को और उसके पश्चात् अनुदत्त खान पट्टों या खदान अनुज्ञप्तियों को लागू होगी।”;

(ii) “कलस्टर स्थिति सहित लघु खनिजों की पर्यावरण अनापत्ति पर अपेक्षाओं का स्कीम संबंधी प्रस्तुतिकरण से संबंधित सारणी के पश्चात् अंत में निम्नलिखित टिप्पण अंतःस्थापित किया जाएगा, अर्थात्:-

“टिप्पण- (1) राजस्थान राज्य में, समीपस्थ क्षेत्र में बहुत छोटे आकार (प्रत्येक एक हेक्टेयर तक) के अधिकांश पट्टों या खदान अनुज्ञप्तियों की स्थिति में लघु खनिजों के खनन के लिए राज्य सरकार का खान और भू-विज्ञान विभाग,-

- (क) खान योजना और पर्यावरण प्रबंध योजना के प्रभावी सूत्रीकरण और कार्यान्वयन के लिए स्थानीय स्थिति के अनुसार कलस्टर के आकार को परिभाषित करेगा;
- (ख) कलस्टर के लिए खान योजना और पर्यावरण प्रबंध योजना तैयार करेगा;
- (ग) उस सामीप्य में सभी कलस्टरों को सम्मिलित करते हुए क्षेत्रीय खान योजना और क्षेत्रीय पर्यावरण प्रबंध योजना तैयार करेगा
- (घ) कलस्टर और क्षेत्रीय पर्यावरण प्रबंध योजना के कार्यान्वयन के लिए पूर्व अवधारित अनुपात में परियोजना प्रस्तावकों से निधियों को जुटाने का उपबंध करेगा।

(2) जिला खनिज निधि का प्रयोग पर्यावरण प्रबंध योजनाओं के कार्यान्वयन के लिए निधि को बढ़ाने के लिए किया जा सकेगा।

(3) पर्यावरण प्रबंध योजना उस कलस्टर में किसी पट्टे के लिए 15 जनवरी, 2016 को या उसके पश्चात् अनुदत्त पर्यावरण अनापत्ति के लिए राजपत्र में इस अधिसूचना के प्रकाशन की अवधि से नब्बे दिन के भीतर तैयार की जाएगी और प्रस्तुत की जाएगी। राज्य विशेषज्ञ मूल्यांकन समिति की सिफारिश और राज्य पर्यावरण संघात निर्धारण प्राधिकारी के अनुमोदन पर्यावरण प्रबंध योजना के तैयार किए जाने के साठ दिन के भीतर अनुदत्त किया जाएगा।

(4) पर्यावरण प्रबंध योजना का कार्यान्वयन राजपत्र में इस अधिसूचना के प्रकाशन की तारीख से छह मास के भीतर आरंभ किया जाएगा। पर्यावरण प्रबंध योजना संबद्ध राज्य पर्यावरण संघात निर्धारण प्राधिकरण द्वारा छह मास के अंतराल पर मानीटर की जाएगी।

(5) ऐसे पट्टे जो तीन वर्ष या उससे अधिक के लिए प्रवर्तनशील नहीं हैं और ऐसे पट्टे जिन्हें 15 जनवरी, 2016 तक पर्यावरण अनापत्ति प्राप्त हो गई है कलस्टर के क्षेत्र की संगणना करने के लिए नहीं गिने जाएंगे, किंतु पर्यावरण प्रबंध योजना और क्षेत्रीय पर्यावरणीय प्रबंध योजना में सम्मिलित किए जाएंगे। *।

[सं जेड-11013/98/2014-आईए-II (एम)]

मनोज कुमार सिंह, संयुक्त सचिव

टिप्पण: मूल अधिनियम भारत के राजपत्र, असाधारण, भाग II, खंड 3, उपखंड (ii) में का.आ. 1533(अ), तारीख 14 सितंबर, 2006 द्वारा प्रकाशित की गई थी और तत्पश्चात् निम्नलिखित के द्वारा उसमें संशोधन किए गए :-

1. का.आ. 1949(अ), तारीख 13 नवंबर, 2006;
2. का.आ. 1737(अ), तारीख 11 अक्टूबर, 2007;
3. का.आ. 3067(अ), तारीख 1 दिसंबर, 2009;
4. का.आ. 695(अ), तारीख 4 अप्रैल, 2011
5. का.आ. 156(अ), तारीख 25 जनवरी, 2012;
6. का.आ. 2896(अ), तारीख 13 दिसंबर, 2012;
7. का.आ. 674(अ), तारीख 13 मार्च, 2013;
8. का.आ. 2204(अ), तारीख 19 जुलाई, 2013;
9. का.आ. 2555(अ), तारीख 21 अगस्त, 2013;
10. का.आ. 2559(अ), तारीख 22 अगस्त, 2013;
11. का.आ. 2731(अ), तारीख 9 सितंबर, 2013;
12. का.आ. 562(अ), तारीख 28 फरवरी, 2014;
13. का.आ. 637(अ), तारीख 25 जून, 2014;
14. का.आ. 1599(अ), तारीख 25 जून, 2014;
15. का.आ. 2601(अ), तारीख 7 अक्टूबर, 2014;
16. का.आ. 2600(अ), तारीख 9 अक्टूबर, 2014;
17. का.आ. 3252(अ), तारीख 22 दिसंबर, 2014;
18. का.आ. 382(अ), तारीख 3 फरवरी, 2015;
19. का.आ. 811(अ), तारीख 23 मार्च, 2015;
20. का.आ. 996(अ), तारीख 10 अप्रैल, 2015;
21. का.आ. 1142(अ), तारीख 17 अप्रैल, 2015;
22. का.आ. 1141(अ), तारीख 17 अप्रैल, 2015;
23. का.आ. 1834(अ), तारीख 6 जुलाई, 2015;
24. का.आ. 2571(अ), तारीख 31 अगस्त, 2015
25. का.आ. 2572(अ), तारीख 14 सितंबर, 2015
26. का.आ. 141(अ), तारीख 15 जनवरी, 2016; और
27. का.आ. 648(अ), तारीख 3 मार्च, 2016।

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE**NOTIFICATION**

New Delhi, the 1st July, 2016

S.O. 2269(E).—Whereas by notification of the Government of India in the erstwhile Ministry of Environment and Forest number S.O. 1533 (E), dated the 14th September, 2006 published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii) (hereinafter referred to as the said notification) directions has been given on environmental clearance for minor minerals and environment clearance for leases in cluster;

And whereas, the provision of cluster in the said notification is causing practical difficulty in the State of Rajasthan, where a large number of small size (15×30 sq. mt or 30×60 sq. mt) leases and quarry licenses are operational for many years. A large number of such leases have been granted years before, and have been further fragmented with family partitions. These mines are located adjacent to each other leaving no space between two leases, which make it difficult to prepare and implement Environment Management Plan for individual leases;

And whereas, many of the lessees who applied for environmental clearance for individual leases, but by classification of cluster in the said notification are being included in B1 category and has to be processed at the State level, whereas the work of appraisal and environmental clearance for small leases is assigned to the district level authority;

And whereas, in view of the sudden unemployment of a large number of persons in the State of Rajasthan due to closure of mines, the Central Government hereby amends the said notification by exempting public notice inviting objections and suggestions from persons likely to be affected thereby under clause (a) of sub-rule (3) of rule 5 of the Environment Protection Rules, 1986, in public interest;

Now, therefore in exercise of the powers conferred by sub-section (1) and clause (v) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) read with sub-rule (4) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby makes the following further amendments to the notification of the Government of India, in the erstwhile Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006 after having dispensed with the requirement of notice under clause (a) of sub-rule (3) of the said rule 5 in public interest, namely :-

In the said notification,-

- (a) in the Schedule, in item 1(a), in column (5), entry (ii) shall be renumbered as entry (iii) and before entry (ii) as so renumbered, the following entry shall be inserted, namely:-

“(ii) for project or activity of mining of minor minerals of Category ‘B1’ in case of cluster of mining lease area;”;

- (b) in Appendix XI,-

- (i) for paragraph 6, the following shall be substituted, namely:-

“(6) A cluster shall be formed when the distance between the peripheries of one lease is less than 500 meters from the periphery of other lease in a homogeneous mineral area which shall be applicable to the mine leases or quarry licenses granted on and after 9th September, 2013.”;

- (ii) after the Table relating to “Schematic Presentation of Requirements on Environment Clearance of Minor Minerals including cluster situation” and before Appendix XII, the following Note shall be inserted at the end, namely:-

“Note .- (1) In the State of Rajasthan, for mining of minor minerals, in situation of a large number of leases or quarry licenses of very small size (up to one hectare each) in contiguous area, the Mines and Geology Department of the State Government shall,-

- (A) define the size of cluster as per local situation for effective formulation and implementation of mine plan and Environment Management Plan;
- (B) prepare mine plan and an Environment Management Plan for the cluster;
- (C) prepare a Regional Mine Plan and Regional Environment Management Plan including all the clusters in that contiguity.
- (D) provide for mobilisation of funds from the Project Proponents in predetermined proportion for implementation of cluster and Regional Environment Management Plan.

(2) The District Mineral Fund can also be used to augment the fund for implementation of Environment Management Plans.

(3) The Environment Management Plan shall be prepared and presented within ninety days from the date of publication of this notification in the Official Gazette for environment clearance granted on or after 15th January, 2016 to any lease in that cluster. The recommendation of the State Expert Appraisal Committee and approval of the State Environment Impact Assessment Authority shall be granted within sixty days of presentation of the Environment Management Plan.

(4) The implementation of the Environment Management Plan shall begin within six months from the date of publication of this notification in the Official Gazette. The Environment Management Plan shall be monitored at the interval of six months by the concerned State Environment Impact Assessment Authority.

(5) The leases not operative for three years or more and leases which have got environmental clearance as on 15th January, 2016 shall not be counted for calculating the area of cluster, but shall be included in the Environment Management Plan and the Regional Environmental Management Plan.”.

[No. Z-11013/98/2014-IA-II (M)]

MANOJ KUMAR SINGH, Jt. Secy.

Note.- The principal notification was published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii) *vide* number S.O. 1533 (E), dated the 14th September, 2006 and subsequently amended by :-

1. S.O. 1949 (E), dated the 13th November, 2006;
2. S.O. 1737 (E), dated the 11th October, 2007;
3. S.O. 3067 (E), dated the 1st December, 2009;
4. S.O. 695 (E), dated the 4th April, 2011;
5. S.O. 156 (E), dated the 25th January, 2012;
6. S.O. 2896 (E), dated the 13th December, 2012;
7. S.O. 674 (E), dated the 13th March, 2013;
8. S.O. 2204 (E), dated the 19th July 2013;

9. S.O. 2555 (E), dated the 21st August, 2013;
10. S.O. 2559 (E), dated the 22nd August, 2013;
11. S.O. 2731 (E), dated the 9th September, 2013;
12. S.O. 562 (E), dated the 26th February, 2014;
13. S.O. 637 (E), dated the 28th February, 2014;
14. S.O. 1599 (E), dated the 25th June, 2014;
15. S.O. 2601 (E), dated the 7th October, 2014;
16. S.O. 2600 (E), dated the 9th October, 2014;
17. S.O. 3252 (E), dated the 22nd December, 2014;
18. S.O. 382 (E), dated the 3rd February, 2015;
19. S.O. 811 (E), dated the 23rd March, 2015;
20. S.O. 996 (E), dated the 10th April, 2015;
21. S.O. 1142 (E), dated the 17th April, 2015;
22. S.O. 1141 (E), dated the 29th April, 2015;
23. S.O. 1834 (E), dated the 6th July, 2015;
24. S.O. 2571 (E), dated the 31st August, 2015;
25. S.O. 2572 (E), dated the 14th September, 2015;
26. S.O. 141 (E), dated the 15th January, 2016; and
27. S.O. 648 (E), dated the 3rd March, 2016.

No. J-11013/41/2006-IA-II (I) (Part)
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

Indira Paryavaran Bhawan
Jor Bagh Road, Aliganj
New Delhi-110003

Dated: 29th August, 2017.

OFFICE MEMORANDUM

Subject: Terms of Reference for EIA/EMP studies for the projects/activities requiring Environmental Clearance under the EIA Notification, 2006 - Extension of validity period - regarding.

In order to streamline the process and provide greater clarity in issuing Terms of Reference (ToRs) for undertaking EIA/EMP studies for the projects/activities requiring Environmental Clearance under the EIA Notification, 2006, the following decisions have been taken with immediate effect:


- (i) The validity of ToRs for projects/activities (except for River Valley and HEP Projects), for submission of EIA/EMP reports shall be three years.
- (ii) The validity of ToRs for River Valley and HEP Projects, for submission of EIA/EMP report shall be four years.
- (iii) The above validity period can be extended by the concerned Regulatory Authority for a maximum period of one year without referring the proposal to the EAC/SEAC concerned, provided an application is made by the applicant before expiry of the validity period, together with an updated Form-1 and proper justification and there is no change in terms and conditions of the ToRs. After the lapse of validity, such extension will need EAC/SEAC consideration.
- (iv) Thus, an outer limit of validity of ToRs shall be 4 years for all the projects/activities and 5 years for River Valley and HEP Projects.
- (v) The ToRs will specifically mention the date of expiry of validity.
- (vi) Extension of validity of ToRs beyond the outer limit of four years for all projects/activities, and five years for River Valley and HEP projects, shall not be allowed/considered by the Regulatory Authority.
- (vii) The baseline data used for preparation of EIA/EMP reports may be collected at any stage, irrespective of the request for ToR or the issue thereof. However, such a baseline data and the public consultation should not be older than 3 years, at the time of submission of the proposal, for grant of Environmental Clearance, as per ToRs prescribed.

- (viii) Public consultation shall be conducted during the validity of the ToRs. The public consultation conducted after the expiry of ToRs shall not be accepted by the Regulating Authority.
- (ix) In case the proposal for Environmental Clearance along with EIA/EMP reports based on the ToRs prescribed, is not submitted within the validity period of ToRs, and/or not complying with the above conditions, the process shall be started *de novo*. The already collected baseline data may be re-used, provided it is not more than 3 years old and duly recommended by EAC/SEAC in their due diligence.
- (x) In case, any proposal for ToR is delisted for want of additional information within the time period, as stipulated by the Ministry, the same can be listed again after the requisite information is submitted.

2. This Office Memorandum is issued in supersession of the earlier OMs of this Ministry as under:

- i) No. J-11013/ 41/2006-IA-II (I) dated 22.03.2010;
- ii) No. Z-11012/1/2013-IA-I (Part) dated 19.11.2013;
- iii) No. Z-11012/1/2013-IA-I (part) dated 12.12.2013;
- iv) No. J-11013/ 41/2006-IA-II (I) dated 22.08.2014;
- v) No. J-11013/ 41/2006-IA.II (I) dated 08.10.2014;
- vi) No. J-11013/41/2006-IA.II(I) dated 07.11.2014; and
- vii) No. J-11015/109/2013-IA.II(M) dated 12.01.2017

3. This issues with the approval of the competent authority.


(Sharath Kumar Pallerla)
Scientist 'F'

Copy to:

1. All the officers of IA Division
2. Chairperson/Member Secretaries of all the SEIAAs/SEACs
3. Chairman of all the Expert Appraisal Committees
4. Chairman, CPCB
5. Chairpersons/Member Secretaries of all SPCBs/UTPCCs

Copy for Information:

1. PS to Minister for Environment, Forest and Climate Change
2. PPS to Secretary(EF&CC)
3. PPS to AS(AKJ) / AS (AKM)
4. PPS to JS(GB) / JS(JT)
5. Website, MoEF&CC
6. Guard file



भारत का राजपत्र

The Gazette of India

असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (ii)

PART II—Section 3—Sub-section (ii)

प्राधिकार से प्रकाशित

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पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय

अधिसूचना

नई दिल्ली, 10 अप्रैल, 2015

का.आ. 996(अ).- केन्द्रीय सरकार, पर्यावरण (संरक्षण) नियम, 1986 के नियम 5 के उपनियम (4) के साथ पठित पर्यावरण (संरक्षण) अधिनियम, 1986 की धारा 3 की उप-धारा (1) और उप-धारा (2) के खंड (v) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, उक्त नियमों के नियम 5 के उपनियम (3) के खंड (क) के अधीन सूचना की अपेक्षा से अभिमुक्ति देने के पश्चात् लोकहित में भारत सरकार के तत्कालीन पर्यावरण और वन मंत्रालय की अधिसूचना संख्या का.आ. 1533(अ), तारीख 14 सितंबर, 2008 में निम्नलिखित और संशोधन करती है, अर्थात् :-

उक्त अधिसूचना में, -

पैरा 7 के उप-पैरा 2 के उपशीर्ष के खंड (i) और (ii) के स्थान पर निम्नलिखित रखा जाएगा, अर्थात् :-

(i) "विस्तारण" उस प्रक्रिया को निर्दिष्ट करता है जिसके द्वारा विस्तृत व्यापक कार्य अवधारित करने के लिए उस परियोजना या क्रियाकलापों के संबंध में कोई पर्यावरणीय समाघात निर्धारण रिपोर्ट तैयार करने के लिए सभी सुसंगत पर्यावरणीय समुत्थानों को जिसके लिए पूर्व पर्यावरणीय अनापत्ति ईप्सित की गई है। सेक्टर विशेषज्ञ आकलन समिति से परामर्श कर मंत्रालय द्वारा विकसित मानक परियोजना क्रियाकलापों के लिए सौंपे गए कृत्य पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय की वेबसाइट पर प्रदर्शित किए जाएंगे :

परंतु यह कि विशेषज्ञ आकलन समिति या राज्य विशेषज्ञ आकलन समिति, यदि परियोजना के लिए यह आवश्यक पाया जाए तो विनिर्दिष्ट प्ररूप 1 या प्ररूप 2 में आवेदन को स्वीकार करने के तीस दिन में संशोधन को अंतिम रूप में प्रदान करेगी ।

मानक सौंपे गए कृत्य आवेदन के आनलाइन प्रस्तुत होने और रजिस्ट्रीकरण के सफलतापूर्वक होने के पश्चात् कोई पर्यावरण समाघात निर्धारण के प्रारंभ की तैयारी का परियोजना प्रस्ताव होगा ।

तथापि यह और कि विशेषज्ञ आकलन, यदि यह आवश्यक हो तो विनिर्दिष्ट आवेदन प्ररूप 1 और प्ररूप 2 में आवेदन को स्वीकार होने में तीस दिन में अतिरिक्त सौंपे गए कृत्यों का अनुबंध कर सकेगी ।

और प्रस्तावक परियोजना अतिरिक्त सौंपे गए कृत्यों के साथ-साथ मानक सौंपे गए कृत्यों पर आधारित ईआईए को करेगा यदि सीईएसी द्वारा अनुबंधित हो, यदि कोई हो ।

परंतु यह कि निम्नलिखित के लिए विस्तारण अपेक्षित नहीं है :—

- (i) अनुसूची के मद 8 (क) के सामने प्रवर्ग 'ख' के अधीन सूचीबद्ध सभी परियोजना और क्रियाकलाप ;
- (ii) अनुसूची के मद 7 (च) के सामने और स्तंभ (3) को (i) स्तंभ (4) की प्रविष्टि (ii) के अधीन आने वाले सीमांत राज्यों के सभी राजमार्ग ;
- (iii) अनुसूची के मद 7 (च) के सामने स्तंभ (3) की प्रविष्टि (i) और प्रविष्टि (ii) के अधीन आने वाले सभी राजमार्ग विस्तार परियोजना ;

परंतु यह भी कि—

- (क) खंड (i) में निर्दिष्ट सभी परियोजना और कृत्य प्ररूप 1 और प्ररूप 1क और संकल्पना परियोजना के आधार पर आकलित किए जाएंगे ।
- (ख) खंड (ii) में निर्दिष्ट सभी परियोजनाएं पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय द्वारा विनिर्दिष्ट मानक सौंपे गए कृत्यों के आधार पर पर्यावरण समाधान निर्धारण रिपोर्ट और पर्यावरण ईएमपी की रिपोर्ट के आधार पर तैयार किए जाएंगे ।
- (ii) पैरा 7 के उप पैरा (i) के उपशीर्ष में खंड (iii) को उनके खंड (ii) के रूप में पुनर्संख्याकित किया जाएगा ।

[फा. सं. 22-62/2015-आईए-III]

मनोज कुमार सिंह, संयुक्त सचिव

टिप्पण : मूल अधिसूचना भारत के राजपत्र, असाधारण, भाग II, खंड 3, उप खंड (ii) संख्यांक का.आ. 1533(अ), तारीख 14 सितंबर, 2006 को प्रकाशित की गई थी और अंतिम संशोधन का.आ. 1737 (अ), तारीख 11 अक्टूबर, 2007, का.आ. 3067 (अ), तारीख 1 दिसम्बर, 2009, का.आ. 695(अ), तारीख 4 अप्रैल, 2011, का.आ. 2896 (अ), तारीख 13 दिसम्बर, 2012, का.आ. 674(अ), तारीख 13 मार्च, 2013, का.आ. 2559 (अ), तारीख 22 अगस्त, 2013, का.आ. 2731(अ), तारीख 9 सितम्बर, 2013, का.आ. 562 (अ), तारीख 26 फरवरी, 2014, का.आ. 637 (अ), तारीख 28 फरवरी, 2014, का.आ. 1599 (अ), तारीख 25 जून, 2014, का.आ. 2601 (अ), तारीख 7 अक्टूबर, 2014, का.आ. 3252 (अ), तारीख 22 दिसम्बर, 2014, का.आ. 382 (अ), तारीख 3 फरवरी, 2015, का.आ. 811 (अ), तारीख 23 मार्च, 2015 द्वारा संशोधित किए गए थे ।

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

NOTIFICATION

New Delhi, the 10th April, 2015

S.O. 996(E).—In exercise of the powers conferred by sub-section (1) and clause (v) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) read with sub-rule (4) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby makes the following further amendments to the notification of the Government of India, in the erstwhile Ministry of Environment and Forests number S.O. 1533(E), dated the 14th September, 2006 after having dispensed with the requirement of notice under clause(a) of sub-rule (3) of said rule 5, in public interest, namely:—

In the said notification, in paragraph 7 in sub-paragraph (i), in sub-heading II, for clauses (i) and (ii), the following shall be substituted, namely:—

(i) "Scoping" refers to the process to determine detailed and comprehensive Terms of Reference (TOR) addressing all relevant environmental concerns for the preparation of an Environment Impact Assessment (EIA) Report in respect of the project or activity for which prior environmental clearance is sought. Standard TOR developed by the Ministry in consultation with the sector specific Expert Appraisal Committees shall be the deemed approved TOR for the projects or activities. The standard Terms of Reference are displayed on the website of the Ministry of Environment, Forest and Climate Change:

Provided that the Expert Appraisal Committee (EAC) or State Expert Appraisal Committee (SEAC) may finalise amendment, if found necessary for a project within thirty days of the acceptance of application in specified application Form I or Form IA. These standard TOR shall enable the Project Proponent to commence preparation of an Environment Impact Assessment Report after successful online submission and registration of the application:

Provided further that, the Expert Appraisal Committee (EAC) or State Expert Appraisal Committee (SEAC) may stipulate additional Terms of Reference, if found necessary, within thirty days of the acceptance of the application in the specified application Form I or Form IA and the Project Proponent shall carry out the EIA study based on the standard TORs as well as the additional TOR, if any, stipulated by EAC/SEAC:

Provided also that the following shall not require Scoping—

- (i) all projects and activities listed under Category 'B', against Item 8(a) of the Schedule;
- (ii) all Highway projects in border States covered under entry (i) of column (3) and entry (i) of column (4) against item 7(f) of the Schedule;
- (iii) all Highway expansion projects covered under entry (ii) of column (3) and entry (ii) of column (4) against item 7(f) of the Schedule;

Provided also that —

- (A) the project and activities referred to in clause (i) shall be appraised on the basis of Form I or Form IA and the conceptual plan;
 - (B) the projects referred to in clause (ii) shall prepare EIA and EMP report on the basis of standard TOR specified by the Ministry of Environment, Forest and Climate Change;
- (ii) in Paragraph 7 in sub-paragraph (i), in sub-heading, clause (iii) shall be renumbered as clause (ii) thereof.

[F. No. 22-62/2015-IA.III]

MANOJ KUMAR SINGH, Jt. Secy.

Note.— The principal rules were published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section(ii) vide notification number S.O. 1533(E), dated the 14th September, 2006 and amended vide S.O. 1737(E) dated the 11th October, 2007, S.O. 3067(E) dated the 1st December, 2009, S.O. 695(E) dated the 4th April, 2011, S.O. 2896(E) dated the 13th December, 2012, S.O. 674(E) dated the 13th March, 2013, S.O. 2559(E) dated the 22nd August, 2013, S.O. 2731(E) dated the 9th September, 2013, S.O. 562(E) dated the 26th February, 2014, S.O.637(E) dated the 28th February, 2014, S.O. 1599(E) dated the 25th June, 2014, S.O. 2601 (E) dated 7th October, 2014, S.O. 3252(E) dated 22nd December, 2014, S.O. 382 (E) dated 3rd February, 2015, and S.O. 811(E) dated 23rd March, 2015.

कार्यालय जिलाधिकारी, जालौन स्थान उरई

पत्रांक - ४०४/खनिज

दिनांक : २५ जनवरी २०१८

निदेशक,

सनेपिन इन्फ्रस्ट्रक्चर, प्रा०लि०

ब्रान्च ८- सरोजिनी नायडू मार्ग लखनऊ।

आपके प्रार्थना दिनांक २५.०१.२०१८ द्वारा अवगत कराया गया है कि आपके कार्यालय की विज्ञप्ति दिनांक १६.११.२०१७ के क्रम में बालू/मौरम क्षेत्र सिमिरिया गाटा सं० ८६४/३२०, ८६५/३२० क्षेत्रफल २७.५३० हे० में ई-टेण्डर सह ई-नीलामी में भाग लिया था जिसमें उक्त क्षेत्र में उच्चतम नीलामी रू० ४०३/- प्रति घनमीटर दी गयी थी। जिस पर आपके कार्यालय के द्वारा निर्गत लेटर आफ इन्टेंट दिनांक २६.१.२०१७ द्वारा धनराशि जमा करने एवं अन्य औचारिकतायें पूर्ण करने के निर्देश दिये गये हैं। प्रार्थी को उक्त क्षेत्र में माइनिंग प्लान तैयार कराने हेतु उक्त क्षेत्र के ६००मीटर परिधि में कोई खनन पट्टा/परमिट स्वीकृत होने अथवा होने के संबंध में प्रमाण पत्र मांगा गया है।

उक्त के अनुक्रम में अवगत कराना है कि बालू/मौरम क्षेत्र सिमिरिया गाटा सं० ८६४/३२०, ८६५/३२० क्षेत्रफल २७.५३० हे० क्षेत्र के ६००मीटर की परिधि में किसी प्रकार का कोई भी खनन पट्टा/परमिट स्वीकृत नहीं है और न ही खनन कार्य संचालित है।

खान अधिकारी
जालौन स्थान उरई

कार्यालय जिलाधिकारी, हमीरपुर

(खान अमुनागा)

संख्या- 118/खानिजा-एमओएम(सी)-तीरा-विधि (2018-19) दिनांक-12 सितम्बर, 2018

फलस्वरूप प्रमाण पत्र (यथा संशोधित दिनांक-28.08.2018)

प्रमाणित किया जाता है कि श्री रामचन्द्रशान 129/10 सिविल लाइन जेल रोड शांसी खण्ड को पत्रांक-524/खानिजा-एमओएम(सी)-तीरा-विधि (2018-19) दि०-26.08.2018 के माध्यम से खण्ड संख्या-18/1 ग्राम-सहारापुर तापसील व जनपद हमीरपुर हेतु कुल 36.437 हे० खनन क्षेत्र को सम्बन्ध में सम्बन्धित पत्र (एलओआई) निर्गत किया गया है। अधीनस्थानों द्वारा पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार की ईओआईओ अधिसूचना-2008 (यथासंशोधित)/ईओआईओ अधिसूचना-14.08.2018 के परिशिष्ट-11 में दिये गये प्राविधानों के अन्तर्गत उक्त खनन क्षेत्र का परीक्षण किया गया, जिसके अनुसार प्रश्नगत खनन क्षेत्र की स्थिति निम्नवत् है :-


स) प्रश्नगत खनन क्षेत्र की परिधि से 500 मीटर दूरी में कोई खनन क्षेत्र स्वीकृत नहीं है :-

1- खण्ड संख्या-NAL ग्राम NIL खनन क्षेत्र NAL हेपटेअर

उक्त खनन क्षेत्र का कुल योग-36.437 हे० है जो कि 25 हे० अथवा 25 हे० से अधिक है परन्तु एकल खण्ड 100 हे० से कम है। अतः ईओआईओ अधिसूचना (यथा संशोधित) दि० 14.08.2018 के परिशिष्ट-11 में दिये गये प्राविधानों के अनुसार 25 हे० से अधिक अथवा 100 हे० से कम का फलस्वरूप नहीं बनता है। सम्बन्धित प्रकरण ईओआईओ अधिसूचना की श्रेणी बी-1 से आच्छादित होता है।

यह भी प्रमाणित किया जाता है कि उपरोक्त विवरण में ईओआईओओ भारत सरकार/एमओआईओओ/डीओआईओओ से निर्गत पूर्व-पर्यावर्णीय क्लीयरन्स को माता/खण्ड संख्या को सम्मिलित कर लिया गया है एवं उक्त प्रमाण पत्र ईओआईओ अधिसूचना 2008 (यथासंशोधित)/अधिसूचना-14.08.2018 के प्राविधानों के अनुसार है।

भवदीय,


(जीतेंद्र सिंह)
खान निरीक्षक,
हमीरपुर

**Joint Meeting Minutes of State Environment Impact Assessment
Authority (SEIAA) and State Expert Appraisal Committee (SEAC), U.P.
dated 14/11/2018**

The joint meeting of SEIAA/SEAC was held to dispose the 3 complaints of Shri Amar Jeet Singh Bedi, Advocate Delhi High Court and NGT, Principal Bench, Delhi and one complaint of Shri Amit Upadhyay, Advocate, Allahabad, High Court. Both were called to explain their point of view. However, in the meeting one more complaint of Shri Chandra Deo Singh, Advocate, High Court, Allahabad was also received.

The complainant Shri Amit Upadhyay and Shri Akhil Prasad, DAS (I) Pvt. Ltd. turned up to explain their point of view. Whereas, Shri Amarjeet Singh Bedi through his letter dated 07/11/2018 requested for additional time of 15 days to mark his personal appearance before the Directorate.

The committee listened to Shri Amit Upadhyay and his counsel Shri I.K. Kapila. They empathetically told that there is no provision of REIA. Therefore the committee should not entertain any REIA.

After going through all the complaints in depth and listening to Shri Amit Upadhyay, the committee chartered out following issues related to complaints:-

Issue 1:- There is no provision of REIA.

Issue 2:- The sequence/methodology of issuance of TOR, preparing draft EIA, submission to UPPCB, public hearing and submission of final EIA.

Issue 3:- Issue related to uploading of EIA/EMP to maintain transparency.

The committee called Shri Akhil Prasad to explain his point of view on issues mentioned above. His point of view is given below:-

Issue 1:-Provision of EIA not substantiated by satisfactory documentary evidence.

Issue 2:- As per EIA Notification, 2006 (as amended) the procedure in brief is (i) Uploading of application of TOR/additional TOR. (ii) Issuance of TOR/in case not received within 30 days it is deemed to be issued. (iii) Preparation of draft EIA. (iv)Submission of draft EIA to UPPCB. (v)Public hearing. (vi)Final EIA submission.

Issue 3:- The consultant mentioned that file is around 85 MB and even after compression it is around 28 MB, while available space for loading EIA is 20 MB.

After a detailed and in depth discussion authority and committee decided:-

- ❖ **No REIA will be entertained. There will be only individual or cluster EIA. All concerned cases listed on 15, 16, 17 & 22 October, 2018 shall be heard on 16/11/2018 as additional agenda before SEAC.**
- ❖ **The brief procedure/sequence to be followed by PP/consultant will be as follows:-**
 - (i) Uploading of application of TOR/additional TOR.**
 - (ii) Issuance of TOR (in case not received within 30 days, standard TOR developed by MoEF&CC shall be deemed approved for the project or activity).**
 - (iii) Preparation of draft EIA, strictly in accordance with the terms of reference.**
 - (iv) Submission of draft EIA to UPPCB.**

(v) Public hearing.

(vi) Final EIA submission.

- ❖ **The committee/Authority also decided that in case there is any mention of REIA/REMP in any of the minutes of SEIAA/SEAC it should be treated as deleted.**
- ❖ **The Secretariat should write to MoEF&CC to increase the space to accommodate full EIA report. Till such provision is made consultants can cover brief summary of EIA apart from risk assessment, public hearing etc in case it exceeds the available space of 20 MB.**

The meeting ended with a vote of thanks to each chair.

**(Prof. Rana Pratap Singh)
Chairman, SEIAA**

**(Dr. Madhu Bhardwaj)
Member**

**(Shri Ashish Tiwari)
Member-Secretary, SEIAA**

**(Dr. (Prof.) S. N. Singh)
Chairman**

**(Dr. Richhpal Singh Sangu)
Member**

**(Prof. D.P. Singh)
Member**

**(Dr. Ajoy Kumar Mandal)
Member**

**(Shri Meraj Uddin)
Member**

**(Shri Rajive Kumar)
Member**

19. Proposed River Bed Sand Mining Project from Betwa River for M/s Pehalwan Traders located at Khand No.- 23/7, Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., Sanctioned Lease Area: 12.145 ha, Effective Workable Area- 12.145 ha, File No. 4141/Proposal No. (SIA/UP/ MIN/22490/2018)

A presentation was made by project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand Mining Project from Betwa River at Khand No.- 23/7, Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., (Leased Area: 12.145 ha).
- 2- Salient features details of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/22490/2018		
2. File No. allotted by SEIAA, UP	4141		
3. Name of Proponent	Mr. Kailash Singh Yadav		
4. Full correspondence address of proponent and mobile no.	M/s Pehalwan Traders Proprietor- Mr. Kailash Singh Yadav S/o Shri Ramvrakcha Yadav R/o H.No. 1095, eldeco-2, Uphar Colony, Sector-3, Utharethiya, Rae Bareli Road,, District - Lucknow, Uttar Pradesh.		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 23/7		
7. Name of River	Betwa		
8. Name of Village	Bhedi Kharka		
9. Tehsil	Sarila		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	12.145 ha		
13. Mineable Area (in ha)	12.145 ha		
14. Zero level mRL	96 mRL		
15. Max. & Min mrl within lease area	104 mRL and 96 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°54'18.73"N	79°48'27.99"E
	B	25°54'19.41"N	79°48'46.61"E
	C	25°54'25.34"N	79°48'47.20"E
	D	25°54'28.21"N	79°48'30.47"E
17. Total Geological Reserves	9,71,520 m ³		
18. Total Mineable Reserves in LOI	1,94,304 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	1,94,304 m ³ /year (9,71,520 m ³ in 05 years)		
20. Proposed Production/year	1,94,304 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	706.56 m ³ /day		
23. Method of Mining	Bar Scalping or Skimming method (Semi		

	mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using:	
	<ul style="list-style-type: none"> • Scraper/light earth movers • Chain based Bulldozer for rescue & salvage • Loader • Truck & tractors for transportation 	
24. No. of working days	275 days	
25. Working hours/day	12 hours	
26. No. Of workers	Approximately 52 labours	
27. No. Of vehicles movement/day	78 units	
28. Type of Land	Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	MDR(41 B) : 3.2 km*(NE)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.52
	Suppression of dust	6.0
	Plantation	0.50
	Others (if any)	-
	Total	7.02 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	BNV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project comes under B1 category, cluster Certificate is not required.	
35. Details of Lease Area in approved DSR	Page No 63; Table No. 20	
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,02,297/-	
37. Proposed EMP cost & Total Project Cost	Rs. 30,17,495/- & Rs. 1,40,00,000/-	
38. Length and Width of Haul Road	1000 m Length and 6 m width	
39. No. of Trees to be Planted	60	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-19

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.

29. Ultimate of Depth of Mining	2.0 m	
30. Nearest metallised road from site	1.68 Km	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	1.36
	Suppression of dust	9.6
	Plantation	1.67
	Others (if any)	
	Total	12.63 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.84 Period of Validity- Up to 23 July 2018	
33. Any litigation pending against the project or land in any court	No	
34. Details of 500 m Cluster Map & Certificate verified by Mining Officer	N/A	
35. Details of Lease Area in approved DSR	Given table on Page No 62 at (Sr. No 74)	
36. Proposed CSR cost	10.0 Lac	
37. Proposed EMP cost	17.0Lac	
38. Length and breadth of Haul Road	800 mtr Length & 6m width haulage road	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-17

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.

18. Proposed River Bed Sand Mining Project from Betwa River for M/s Indus Mines and Minerals located at Khand No.- 11/4, Village- Ramedi, Tehsil- Hamirpur, District- Hamirpur, U.P., Sanctioned Lease Area: 17.408 ha, Effective Working Area- 10.508 ha, File No. 4140/Proposal No. (SIA/UP/ MIN/22486/2018)

A presentation was made by project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand Mining Project from Betwa River at Khand No.- 11/4, Village- Ramedi, Tehsil- Hamirpur, District- Hamirpur, U.P., (Lease Area: 17.408 ha).
- 2- Salient features details of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/22486/2018
2. File No. allotted by SEIAA, UP	4140

Minutes of 327th SEAC Meeting Date 26/03/2018

3. Name of Proponent	Shri Vikas Parmani		
4. Full correspondence address of proponent and mobile no.	M/s Indus Mines and Minerals Proprietor - Shri Vikas Parmani S/o Shri H. Parmani, E-7 HIG 441 areera colony, Huzur , R.S.Nagar, Bhopal		
5. Name of Project	Sand/morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 11/4		
7. Name of River	Betwa River		
8. Name of Village	Rameddi		
9. Tehsil	Sadar		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/morrum Mining		
12. Sanctioned Lease Area (in ha)	17.408 ha		
13. Mineable Area (in ha)	10.508 ha		
14. Zero level mRL	91 mRL		
15. Max. & Min mrl within lease area	98 mRL and 92 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°56'13.97"N	80° 9'45.81"E
	B	25°56'3.22"N	80° 9'56.33"E
	F	25°56'1.91"N	80° 9'54.79"E
	G	25°55'56.01"N	80° 9'47.94"E
	C	25°55'53.69"N	80° 9'45.23"E
	H	25°56'0.32"N	80° 9'40.90"E
	D	25°56'6.26"N	80° 9'35.65"E
	E	25°56'8.45"N	80° 9'38.51"E
	Workable Area in North		
	A	25°56'13.97"N	80° 9'45.81"E
	B	25°56'3.22"N	80° 9'56.33"E
	F	25°56'1.91"N	80° 9'54.79"E
	E	25°56'8.45"N	80° 9'38.51"E
	Workable Area in South		
G	25°55'56.01"N	80° 9'47.94"E	
C	25°55'53.69"N	80° 9'45.23"E	
H	25°56'0.32"N	80° 9'40.90"E	
17. Total Geological Reserves	6,96,320 m ³		
18. Total Mineable Reserves in LOI	2,78,502 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	2,78,502 m ³ /year (11,14,008 m ³ in 05 years)		
20. Proposed Production/year	2,78,502 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1013 m ³ /day		

23. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none"> • Scraper/light earth movers • Chain based Bulldozer for rescue & salvage • Loader • Truck & tractors for transportation 	
24. No. of working days	275 days	
25. Working hours/day	12 hours	
26. No. Of workers	Approximately 52 labours	
27. No. Of vehicles movement/day	157 units	
28. Type of Land	Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	MDR - 1.1 km*(SE)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.52
	Suppression of dust	15.0
	Plantation	0.5
	Others (if any)	-
	Total	16.02 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Since the project comes under B1 category, Cluster certificate is not required.	
35. Details of Lease Area in approved DSR	Page No 61; Table No. 20	
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,05,000/-	
37. Proposed BMP cost & Total Project Cost	Rs. 7,70,765 & Rs. 1,41,13,415/-	
38. Length and Width of Haul Road	1.5 km and 6 meters wide	
39. No. of trees to be planted	86	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-18

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kacheha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so

- collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
 21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the project should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted.

- The details of plantation already done should be given.
36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 30,74,309/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

13. Proposed River Bed Sand Mining Project from Betwa River for M/s Pehalwan Traders, located at Khand No.- 23/7, Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., Sanctioned Lease Area: 12.145 ha, File No. 4141/Proposal No.SIA/UP/MIN/22490/2018

RESOLUTION AGAINST AGENDA NO-13

The case was considered in 364th SEAC meeting dated 16/10/2018 wherein, after a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

This matter was placed before SEIAA in its meeting dated 06/11/2018 and decided that:-

“The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the SEIAA meeting. However,

the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018."

The joint meeting of SEIAA and SEAC was held on 14/11/2018 and its minutes were uploaded on website www.seiaaup.in. The committee considered the case in compliance of joint meeting decision dated 14/11/2018. The committee noted that proponent/consultant has submitted individual EIA for the titled project. A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand Mining Project from Betwa River at Khand No.- 23/7, Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., (Sanctioned Lease Area: 12.145 ha.), M/s Pehalwan Traders.
2. The public hearing was organized on 19/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/22490/2018		
2. File No. allotted by SEIAA, UP	4141		
3. Name of Proponent	M/s Pehalwan Traders Proprietor- Mr. Kailash Singh Yadav		
4. Full correspondence address of proponent and mobile no.	M/s Pehalwan Traders Proprietor- Mr. Kailash Singh Yadav S/o Shri Ramvrakcha Yadav R/o H.No. 1095, eldeco-2, Uphar Colony, Sector-3, Utharethiya, Rae Bareli Road,, District - Lucknow, Uttar Pradesh.		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 23/7		
7. Name of River	Betwa		
8. Name of Village	Bhedi Kharka		
9. Tehsil	Sarila		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	12.145 ha		
13. Mineable Area (in ha)	12.145 ha		
14. Zero level mRL	95 mRL		
15. Max. & Min mrl within lease area	104 mRL and 96 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°54'18.73"N	79°48'27.99"E
	B	25°54'19.41"N	79°48'46.61"E
	C	25°54'25.34"N	79°48'47.20"E
D	25°54'28.21"N	79°48'30.47"E	
17. Total Geological Reserves	9,71,520 m ³		
18. Total Mineable Reserves in LOI	1,94,304 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	1,94,304 m ³ /year (9,71,520 m ³ in 05 years)		
20. Proposed Production/year	1,94,304 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	706.56 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		

24. No. of working days	275 days	
25. Working hours/day	12 hours	
26. No. Of workers	Approximately 62 labours	
27. No. Of vehicles movement/day	47 units	
28. Type of Land	Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	MDR(41 B) : 3.2 km*(NE)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	1.22
	Suppression of dust	33.24
	Plantation	0.030
	Others (Stored water)	0.10
	Total	34.59 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer		
35. Details of Lease Area in approved DSR	Page No 63; Table No. 20	
36. Proposed CER cost	2% of total project cost i.e. Rs.20,95,043/-	
37. Proposed EMP cost & Total Project Cost	Rs. 60,57,321/- & Rs. 10,47,52,156/-	
38. Length and Width of Haul Road	Unpaved Length 2.77km and Paved Length 6.91 km and 6 m width	
39. No. of Trees to be Planted	91	

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 1 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:

- 1- Pakka motorable haul road to be maintained by the project proponent.
- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.

- 9- Provide suitable mask to the workers.
- 10- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 20,95,043/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

14. Sand/Moram Mining at Khand No.-23/20 Vill: Bhedikharka, Tehsil-Sarila, Distt: Hamirpur, U.P. (Leased Area 12.145 ha M/s Balaji Enterprises). File No. 4155/Proposal No.SIA/UP/MIN/22628/2018

RESOLUTION AGAINST AGENDA NO-14

The case was considered in 364th SEAC meeting dated 16/10/2018 wherein, after a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

This matter was placed before SEIAA in its meeting dated 06/11/2018 and decided that:-

Annexure-1

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM
MINING PROPOSALS**

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.

18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should he reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.

34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of

- the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
 16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
 17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
 18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
 19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
 20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
 21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
 22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
 23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
 24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
 25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
 26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
 27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
 28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
 29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

State Level Environment Impact Assessment Authority, Uttar Pradesh

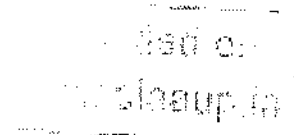
Directorate of Environment, U.P.

Vincent Khand-I, Gomti Nagar, Lucknow-226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : daeuplko@yahoo.com

Website : www.seiaaup.in



To,

Shri Kailash Singh Yadav,
Owner,
H.No. 1095, Eldeco-2, Uphar Colony,
Sector-3, Utharethiya, Raebarell Road,
District-Lucknow, U.P.

Ref. No. 23/Parya/SEAC/4141/2018

Date: 11 April, 2018

Sub: Terms of reference for Proposed River Bed Sand Mining Project from Betwa River at Khand No.- 23/7, Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., (Leased Area: 12.145 ha).

Dear Sir,

Please refer to your application dated 21-03-2018 addressed to the Secretary SEAC/Director, Directorate of Environment, U.P. on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 26-03-2018.

A presentation was made by project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for Proposed River Bed Sand Mining Project from Betwa River at Khand No.- 23/7, Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., (Leased Area: 12.145 ha).
- 2- Salient features details of the project is as follows :

1. On-line proposal No.	SIA/UP/MIN/22490/2018
2. File No. allotted by SEIAA, UP	4141
3. Name of Proponent	Mr. Kailash Singh Yadav
4. Full correspondence address of proponent and mobile no.	M/s Pehalwan Traders Proprietor- Mr. Kailash Singh Yadav S/o Shri Ramvrakcha Yadav R/o H.No. 1095, eldeco-2, Uphar Colony, Sector-3, Utharethiya, Rae Barell Road,, District - Lucknow, Uttar Pradesh.
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 23/7
7. Name of River	Betwa
8. Name of Village	Bhedi Kharka
9. Tehsil	Sarila
10. District	Hamirpur
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	12.145 ha
13. Mineable Area (in ha)	12.145 ha
14. Zero level mRL	96 mRL
15. Max. & Min mri within lease area	104 mRL and 96 mRL

**TOR for Proposed River Bed Sand Mining Project from Betwa River at Khand No.- 23/7, Village- Bhedl Kharka,
Tehsil- Sarilla, District- Hamirpur, U.P. (Leased Area: 12.145 ha).**

16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°54'18.73"N	79°48'27.99"E
	B	25°54'19.41"N	79°48'46.61"E
	C	25°54'25.34"N	79°48'47.20"E
D	25°54'28.21"N	79°48'30.47"E	
17. Total Geological Reserves	9,71,520 m ³		
18. Total Mineable Reserves in LOI	1,94,304 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	1,94,304 m ³ /year (9,71,520 m ³ in 05 years)		
20. Proposed Production/year	1,94,304 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	706.56 m ³ /day		
23. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none"> • Scraper/light earth movers • Chain based Bulldozer for rescue & salvage • Loader • Truck & tractors for transportation 		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	78 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR(41 B) : 3.2 km ² (NE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	6.0	
	Plantation	0.50	
	Others (if any)	-	
Total	7.02 KLD		
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project comes under B1 category, cluster Certificate is not required.		
35. Details of Lease Area in approved DSR	Page No 63; Table No. 20		
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,02,297/-		
37. Proposed EMP cost & Total Project Cost	Rs. 30,17,495/- & Rs. 1,40,00,000/-		
38. Length and Width of Haul Road	1000 m Length and 6 m width		
39. No. of Trees to be Planted	60		

3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.

TOR for Proposed River Bed Sand Mining Project from Betwa River at Khand No.- 23/7, Village- Bhedi Kharka, Tehsil- Sarita, District- Hauripur, U.P., (Leased Area: 12.145 ha).

- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA:

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.

15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO₂ and NO₂), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
24. Details of water conservation measures proposed to be adopted in the project should be given.
25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
28. Details of rainwater harvesting proposed, if any, in the project should be provided.
29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for

- removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
 36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.


45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed in EIA reports.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

No. /Parya/SEAC/4141/2018 Dated: As above
Copy with enclosure for information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Allganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Allganj, Lucknow.
4. District Magistrate, Hamirpur.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Director, Geology and Mining, Govt. of U.P.
7. Copy to Web Master/ guard file.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

Minutes of the 201st Meeting of the SEIAA held on 31/03/2018

- 19. Proposed River Bed Sand Mining Project from Betwa River for M/s Pehakwan Traders located at Khand No.- 23/7, Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., Sanctioned Lease Area: 12.145 ha, Effective Workable Area- 12.145 ha, File No. 4141/Proposal No. (SIA/UP/ MIN/22490/2018)**

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

- 20. Proposed River Bed Sand Mining Project from Ghaghra River for M/s Nandini Infrastructur at Khasra No.- 2509 Mi, Village- Tulsipur, Tehsil- Tarabganj, District- Gonda, U.P., Sanctioned Lease Area: 38.44 ha, Effective Workable Area-36.76 ha, File No. 4142/Proposal No. (SIA/UP/ MIN/22491/2018)**

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

- 21. Proposed "Ordinary Sand Mining "Project at Gata No- 319 to 357, 358 Mi/ 359 Mi & 680 to 682, 683 ka, 684 kha, 683 Ga, 684 to 688, 689 ka, 689 kha, 690, 691, 692 ka, 692 kha, 692 Ga, 693 to 699, 700 ka, 700 kha & 704, Village- Katiparsola & Chhibramau, District- Hardoi, U.P. M/s Awadh Construction.**

The SEIAA agreed with the recommendation of the SEAC that the petitioner alongwith the District Mining Officer and OC, Mining (Prabhari Adhikari Mining), Hardoi shall be informed to be present before the next SEAC scheduled meeting with all the relevant office record regarding the court case at the Secretariat, SEIAA/SEAC. The SEIAA is of the opinion that SEAC should review all the points in the writ and gives recommendations accordingly.

With the permission of the Chairman,

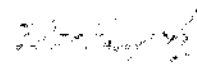
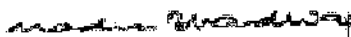
- 22. "Shaheed Ashfaq Ullah Khan Prani Udyan at Gram- Tal Ramgarh & Rampur, Pargana- Haveli, Tehsil- Sadar, Gorakhpur, U.P. File no- 3929**

The presentation was made by the project proponent along with the consultant M/s Sawen consultancy Pvt. Ltd, on the query raised by the SEIAA in its meeting held on 20/03/2018. The Project proponent requested to submit the complete information on the following within 7 days:-

- 1- Plan for solid waste collection and disposal.
- 2- Disposal of Yard waste.
- 3- Area required for STP and its location marked on the map.
- 4- Handling and disposal of Bio-medical waste/Hospital Waste.

The SEIAA noted that the project proponent has submitted the above information. Hence, the SEIAA is of the opinions that grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC in its meeting dated 24/02/2018. In addition to the conditions imposed by SEAC the SEIAA added following additional specific conditions:-

- 1- The proposed project is situated near the Ram Garh Tal, Gorakhpur which in being declared as wetland under the provision of Wetlands (Conservation and Management) Rules, 2017. All the regulation related to Ram Garh Tal, wetland shall be applicable to the proposed project.



Minutes of the 240th Meeting of the SEIAA held on 06/11/2018

SEIAA meeting. However, the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018.

3. Proposed Riverbed Sand/Morum Mining Project from Betwa River of M/s Baba Bhojanath Traders, located at Khand No. 10/36, Village-Beri, Tehsil- Hamirpur, District- Hamirpur, U.P. Sanctioned Lease Area-12.145 Ha, File No. 4376/Proposal No.SIA/UP/MIN/27993/2018

The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the SEIAA meeting. However, the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018.

4. Proposed Sand/Morum Mining Project Khand No. 20/6, VIII: Tikapur, Tehsil Maudaha, Distt: Hamirpur, U.P. Leased area 24.291 ha. File No. 4136/Proposal No.SIA/UP/MIN/22632/2018

The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the SEIAA meeting. However, the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018.

5. Proposed River Bed Sand Mining Project from Betwa River for M/s Pehalwan Traders, located at Khand No.- 23/7, Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., Sanctioned Lease Area: 12.145 ha, File No. 4141/Proposal No.SIA/UP/MIN/22490/2018

The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the SEIAA meeting. However, the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018.

Res. of

- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 30,74,309/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

5. Proposed River Bed Sand Mining Project from Betwa River for M/s Pehalwan Traders, located at Khand No.- 23/7, Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., Sanctioned Lease Area: 12.145 ha, File No. 4141/Proposal No.SIA/UP/MIN/22490/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

1. The environmental clearance is sought for River Bed Sand Mining Project from Betwa River at Khand No.- 23/7, Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., (Sanctioned Lease Area: 12.145 ha.), M/s Pehalwan Traders.
2. The public hearing was organized on 19/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/22490/2018
2. File No. allotted by SEIAA, UP	4141
3. Name of Proponent	M/s Pehalwan Traders

	Proprietor- Mr. Kailash Singh Yadav		
4. Full correspondence address of proponent and mobile no.	M/s Pehalwan Traders Proprietor- Mr. Kailash Singh Yadav S/o Shri Ramvrakcha Yadav R/o H.No. 1095, eldeco-2, Uphar Colony, Sector-3, Utharethiya, Rae Bareli Road,, District - Lucknow, Uttar Pradesh.		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 23/7		
7. Name of River	Betwa		
8. Name of Village	Bhedi Kharka		
9. Tehsil	Sarila		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	12.145 ha		
13. Mineable Area (in ha)	12.145 ha		
14. Zero level mRL	95 mRL		
15. Max. & Min mrl within lease area	104 mRL and 96 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°54'18.73"N	79°48'27.99"E
	B	25°54'19.41"N	79°48'46.61"E
	C	25°54'25.34"N	79°48'47.20"E
D	25°54'28.21"N	79°48'30.47"E	
17. Total Geological Reserves	9,71,520 m ³		
18. Total Mineable Reserves in LOI	1,94,304 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	1,94,304 m ³ /year (9,71,520 m ³ in 05 years)		
20. Proposed Production/year	1,94,304 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	706.56 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 62 labours		
27. No. Of vehicles movement/day	47 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR(41 B) : 3.2 km*(NE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.22	
	Suppression of dust	33.24	
	Plantation	0.030	
	Others (Stored water)	0.10	
Total	34.59 KLD		
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer			
35. Details of Lease Area in approved DSR	Page No 63; Table No. 20		
36. Proposed CER cost	2% of total project cost i.e. Rs.20,95,043/-		
37. Proposed EMP cost & Total Project Cost	Rs. 60,57,321/- & Rs. 10,47,52,156/-		
38. Length and Width of Haul Road	Unpaved Length 2.77km and Paved Length 6.91 km and 6		

	m width
39. No. of Trees to be Planted	91

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The project proponent also informed that as per EIA Notification 14th September, 2006, online submission of EIA report for appraisal after public hearing is next stage in the process of grant of environmental clearance. We are unable to submit our complete EIA report which is of approx. 85 MB on the MoEF&CC portal due to restriction of 20 MB file size. Hence, they are submitting only EMP of the project, minutes of public hearing, risk assessment document which constitute the main domain of an EIA report.

RESOLUTION AGAINST AGENDA NO-05

The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled.

The recommendation of EC will be subjected to general/ specific conditions as annexed at annexure 1 & 2 to these minutes. The committee also stipulated following specific conditions:

- 1- Pakka motorable haul road to be maintained by the project proponent.
- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.

- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 20,95,043/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

6. Sand/Moram Mining at Khand No.-23/20 Vill: Bhedikharka, Tehsil-Sarila, Distt: Hamirpur, U.P. (Leased Area 12.145 ha M/s Balaji Enterprises). File No. 4155/Proposal No.SIA/UP/MIN/22628/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Sand/Moram Mining at Khand No.-23/20 Village : Bhedikharka, Tehsil-Sarila, Distt: Hamirpur, U.P. (Leased Area 12.145 ha), M/s Balaji Enterprises.
2. The public hearing was organized on 19/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/22628/2018
2. File No. allotted by SEIAA, UP	4155
3. Name of Proponent	M/s Balaji Enterprises Proprietor- Shri Navneet Kumar Pandey

Annexure-1

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM
MINING PROPOSALS**

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can

- form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.

36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.

15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

19. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-10/33, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-20.242 Ha, M/s New PravaraInfrahigh Pvt. Ltd, File No. 4533/4438/Proposal No. SIA/UP/MIN/29516/2018

The SEIAA noted that the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions. The Secretariat informed that Project Proponent has submitted the hard copy of Individual EIA and has not been submitted online yet. SEIAA opined that Project Proponent should submit Individual EIA online also. SEIAA decided to take up the case after online submission of individual EIA.

Additional Agenda of SEAC 372 meeting dated 16.11.18 in compliance of Joint meeting of SEIAA/SEAC dated 14/11/2018

1. Proposed River Bed Sand Mining Project from Betwa River for M/s Pehalwan Traders, located at Khand No.- 23/7, Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., Sanctioned Lease Area: 12.145 ha, File No. 4141/Proposal No.SIA/UP/MIN/22490/2018

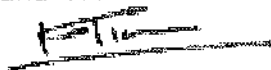
The SEIAA gone through the recommendation of SEAC to grant E.C. with the general and specific conditions. The SEIAA also gone through the file and noted that the case was earlier recommended by SEAC in its meeting dated 16-10-2018 for grant of EC with the comments that-

"The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit Individual EIA to Directorate before the SEIAA meeting. The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled"

The SEIAA also noted that this matter was taken in its earlier meeting dated 06-11-2018 and was referred back to SEAC since it did not find it appropriate to issue E.C. in view of the above comments. In the mean time Hon'ble NGT ordered dated 13-11-2018 in MA no.-1622/2018 of OA no.-912/2018 that-

3-"We are of the view that this objection may be considered in the joint committee of SEIAA and SEAC in accordance with law before a decision is taken in the matter. If this objection is rejected, the reasons may be given. The applicant will be at liberty to raise this objection before the committee."

In compliance to the said order of NGT dated 13-11-2018 a joint meeting of SEAC and SEIAA was held on 14-11-2018 in which it was decided that the SEAC will again





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carryout appraisal of this project on the basis of individual EIA. SEAC has again carried out appraisal in its meeting dated 16-11-2018 and has recommended to grant EC with certain general and specific conditions.

The SEIAA gone through the recommendation of SEAC dated 16-11-2018 to grant EC wherein it has mentioned that the Project proponent has submitted individual EIA and also made a presentation before SEAC.

Keeping in view of the recommendation of SEAC dated 16-11-2018 again to grant EC to the titled project, SEIAA decided to go with the recommendation of SEAC along with all the general and specific conditions as suggested by the SEAC adding one specific condition-“Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied”.

2. Sand/Moram Mining at Khand No.-23/20 Vill: Bhedikharka, Tehsil-Sarila, Distt: Hamirpur, U.P. (Leased Area 12.145 ha M/s Balaji Enterprises). File No. 4155/Proposal No.SIA/UP/MIN/22628/2018

The SEIAA gone through the recommendation of SEAC to grant E.C. with the general and specific conditions. The SEIAA also gone through the file and noted that the case was earlier recommended by SEAC in its meeting dated 16-10-2018 for grant of EC with the comments that-

“The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting. The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled”

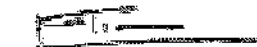
The SEIAA also noted that this matter was taken in its earlier meeting dated 06-11-2018 and was referred back to SEAC since it did not find it appropriate to issue E.C. in view of the above comments. In the mean time Hon'ble NGT ordered dated 13-11-2018 in MA no.-1622/2018 of OA no.-912/2018 that-

3-“We are of the view that this objection may be considered in the joint committee of SEIAA and SEAC in accordance with law before a decision is taken in the matter. If this objection is rejected, the reasons may be given. The applicant will be at liberty to raise this objection before the committee.”

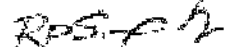
In compliance to the said order of NGT dated 13-11-2018 a joint meeting of SEAC and SEIAA was held on 14-11-2018 in which it was decided that the SEAC will again carryout appraisal of this project on the basis of individual EIA. SEAC has again carried out appraisal in its meeting dated 16-11-2018 and has recommended to grant EC with certain general and specific conditions.

The SEIAA gone through the recommendation of SEAC dated 16-11-2018 to grant EC wherein it has mentioned that the Project proponent has submitted individual EIA and also made a presentation before SEAC.

Keeping in view of the recommendation of SEAC dated 16-11-2018 again to grant EC to







Directorate of Environment, U.P.

Videel Khand- I, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : docuplko@yahoo.com

website : www.seiaaup.in

To,

Shri Kailash Singh Yadav,
Owner,
H.No- 1095, eldeco-2, Uphar colony,
Sector-3, Utharethiya, Rae Bareilly road,
District- Lucknow, U.P.

Ref. No. 503 /Paryo/SEAC/4141/2018Date: 24 November, 2018

Sub: Environmental Clearance for River Bed Sand Mining Project from Betwa River at Khand No- 23/7, Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., (Sanctioned Lease Area: 12.145 ha.), M/s Pehalwan Traders.

Dear Sir,

Please refer to your application/letter dated 19-03-2018, 11-04-2018, 04-10-2018 & 15-10-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 16-10-2018 & 16-11-2018.

A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand Mining Project from Betwa River at Khand No.- 23/7, Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., (Sanctioned Lease Area: 12.145 ha.), M/s Pehalwan Traders.
2. The public hearing was organized on 19/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/22490/2018		
2. File No. allotted by SEIAA, UP	4141		
3. Name of Proponent	M/s Pehalwan Traders Proprietor- Mr. Kailash Singh Yadav		
4. Full correspondence address of proponent and mobile no.	M/s Pehalwan Traders Proprietor- Mr. Kailash Singh Yadav S/o Shri Ramvrakcha Yadav R/o H.No. 1095, eldeco-2, Uphar Colony, Sector-3, Utharethiya, Rae Bareilly Road,, District - Lucknow, Uttar Pradesh.		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No)	Khand No. 23/7		
7. Name of River	Betwa		
8. Name of Village	Bhedi Kharka		
9. Tehsil	Sarila		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	12.145 ha		
13. Mineable Area (in ha)	12.145 ha		
14. Zero level mRL	95 mRL		
15. Max. & Min mri within lease area	104 mRL and 96 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°54'18.73"N	79°48'27.99"E

	B	25°54'19.41"N	79°48'46.61"E
	C	25°54'25.34"N	79°48'47.20"E
	D	25°54'28.21"N	79°48'30.47"E
17. Total Geological Reserves	9,71,520 m ³		
18. Total Mineable Reserves in LOI	1,94,304 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	1,94,304 m ³ /year (9,71,520 m ³ in 05 years)		
20. Proposed Production/year	1,94,304 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	706.56 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 62 labours		
27. No. Of vehicles movement/day	4/ units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDN(41 B) : 3.2 km ⁴ (NE)		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		1.22
	Suppression of dust		33.24
	Plantation		0.030
	Others (Stored water)		0.10
	Total		34.59 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (i) Pvt. Ltd. NABET/EIA/1720/NA 0073 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer			
35. Details of Lease Area in approved DSR	Page No 63, Table No. 20		
36. Proposed CER cost	2% of total project cost i.e. Rs. 20,95,043/-		
37. Proposed EMP cost & Total Project Cost	Rs. 60,57,321/- & Rs. 10,47,52,156/-		
38. Length and Width of Haul Road	Unpaved Length 2.77km and Paved Length 6.91 km and 6 m width		
39. No. of Trees to be Planted	91		

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/06/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 16-10-2018 & 16/11/2018) on the above said project the State Level Environment Impact Assessment Authority (meetings held on dated 23/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 1,94,304 m³/year is proposed from mining lease area 12.145 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department
2. Forest clearance shall be taken by the proponent as necessary under law.



3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in-improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the



- SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Panchayat/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA, III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
 36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
 37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
 38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
 39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
 40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
 41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated: 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
 42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health



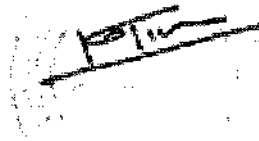
- surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
 44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
 45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
 46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
 47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
 48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. Pakka motorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 20,95,043/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.



19. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling with in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHA and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C. issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.



38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored ((TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)).
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., gutkha pouches, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.



The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along-with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.



(Ashish Tiwari)
Member Secretary, SEIAA

Ref. No. /Parya/SEAC/4141/2018 Dated: As above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.


(Ashish Tiwari)
Member Secretary, SEIAA

Minutes of 331st SEAC Meeting Date 17/04/2018

verified by Mining Officer	not required.
35. Details of Lease Area in approved DSR	Page No 62; Table No. 22
36. Proposed CSR cost	5% of total project cost i.e. Rs. 7,10,602/-
37. Proposed EMP cost & Total Project Cost	Rs. 32,62,495/- & Rs. 1,42,00,000/-
38. Length and Width of Haul Road	1000 m Length and 6 m width
39. No. of Trees to be Planted	125

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-19

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes. The committee also stipulated following conditions:

1. Take further necessary action in the matter as per provision of Gazette Notification No. S.O. 1533(E) dated 14.9.2006 (as amended) and MOEFCC EIA Notification dated 15/01/2016 regarding project site in vicinity of Inter State Boundary.

20. Proposed River Bed Sand/Morrum Mining Project from Betwa River for M/s Kanha Construction Company at Khand No.- 23/13, Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., Sanctioned Lease Area:12.145 ha File No. 4192/Proposal No. (SIA/UP/MIN /23553//2018

A presentation was made by project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining Project from Betwa River at Khand No.- 23/13, Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., Sanctioned Leased Area:12.145 ha., M/s Kanha Construction Company.
- 2- Salient features details of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/23553/2018
2. File No. allotted by SEIAA, UP	4192/
3. Name of Proponent	Shri Anil Dixit

4. Full correspondence address of proponent and mobile no.	Shri Kanha Construction Company Proprietor- Shri Anil Dixit S/o Shri Radhe Shyam Dixit R/o Geru wala bangla, Tyagi Nagar, Morar, Gwalior, M.P. 474006		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 23/13		
7. Name of River	Betwa		
8. Name of Village	Bhedi Kharka		
9. Tehsil	Sarila		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	12.145 ha		
13. Mineable Area (in ha)	12.145 ha		
14. Zero level mRL	100 mRL		
15. Max. & Min mrl within lease area	106 mRL and 100 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°54'26.00"N	79°48'57.66"E
	B	25°54'25.78"N	79°49'28.82"E
	C	25°54'21.45"N	79°49'31.50"E
	D	25°54'21.63"N	79°48'57.64"E
17. Total Geological Reserves	6,07,250 m ³		
18. Total Mineable Reserves in LOI	1,94,304 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	1,94,304 m ³ /year (9,71,520 m ³ in 05 years)		
20. Proposed Production/year	1,94,304 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	706.56 m ³ /day		
23. Method of Mining	Open cast Manual / Semi Mechanized Mining		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	79 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR 41 B (Rath-Jalalpur)- 3.2 km*(NE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	12.0	
	Plantation	0.03	
	Others (if any)	-	
	Total	12.55 KLD	
32. Name of QCI Accredited Consultant with QCI	ENV Development Assistance Systems (I) Pvt. Ltd.		

No and period of validity.	NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.
33. Any litigation pending against the project or land in any court	None
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project comes under B1 category, cluster Certificate is not required.
35. Details of Lease Area in approved DSR	Page No 63; Table No. 20
36. Proposed CSR cost	5% of total project cost i.e. Rs.6,98,667.5/-
37. Proposed EMP cost & Total Project Cost	Rs. 30,12,700/- & Rs. 1,39,00,000/-
38. Length and Width of Haul Road	1000 m Length and 6 m width
39. No. of Trees to be Planted	60

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).
- 8- The project proposal falls under B1 category on the basis of District Mining Officer cluster certificate.

Resolution against agenda no-20

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.

21. Sand Mining Project at Sharda River at Gata No.- 183 ha, over an area of 13.06 Ha situated in Village- Sarvashivpuri, Tehsil- Lakkhimpur, District- Kheri, U.P. Sanctioned Lease Area: 13.06 ha File No. 4193/Proposal No. (SIA/UP/MIN /23755//2018

A presentation was made by project proponent along with their consultant M/s Geogreen Enviro House Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Sand Mining Project at Sharda River at Gata No.- 183 ha, Village- Sarvashivpuri, Tehsil- Lakkhimpur, District- Kheri, U.P, (Leased Area: 13.06 ha).
- 2- Salient features details of the project is as follows:

1.	On Line Proposal No.	SBIA/UP/MIN/23755/2018
2.	File No. Allotted By SEIAA, UP	4193
3.	Name Of Proponent	Manorama Verma
4.	Full Correspondence Address Of Proponent And	Village- Elaichipurwa, Manzra, Nizampur Ramdas,

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authorized and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left unworked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so

- collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
 21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the project should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.

36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

10. Proposed River Bed Sand/Morrum Mining Project from Betwa River for M/s Kanha Construction Company, located at Khand No.- 23/13, Village- Bhedi Kharka, Tehsil- Sarila, Hamirpur, Sanctioned Lease Area: 12.145 ha (30 Acre) File No. 4192/Proposal No.SIA/UP/MIN/23553/2018

RESOLUTION AGAINST AGENDA NO-10

The case was considered in 364th SEAC meeting dated 16/10/2018 wherein, after a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

This matter was placed before SEIAA in its meeting dated 06/11/2018 and decided that:-

“The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the SEIAA meeting. However, the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018.”

The joint meeting of SEIAA and SEAC was held on 14/11/2018 and its minutes were uploaded on website www.seiaaup.in. The committee considered the case in compliance of joint meeting decision dated 14/11/2018. The committee noted that proponent/consultant has submitted individual EIA for the titled project. A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand/Morrum Mining Project from Betwa River at Khand No.- 23/13, Village- Bhedi Kharka, Tehsil- Sarila, Hamirpur, Sanctioned Lease Area: 12.145 ha (30 Acre), M/s Kanha Construction Company.
2. The public hearing was organized on 19/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/23553/2018
2. File No. allotted by SEIAA, UP	4192
3. Name of Proponent	Shri Kanha Construction Company Proprietor- Shri Anil Dixit
4. Full correspondence address of proponent and mobile no.	Shri Kanha Construction Company Proprietor- Shri Anil Dixit S/o Shri Radhe Shyam Dixit R/o Geru wala bangla, Tyagi Nagar, Morar, Gwalior, M.P. 474006
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 23/13
7. Name of River	Betwa
8. Name of Village	Bhedi Kharka
9. Tehsil	Sarila
10. District	Hamirpur
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	12.145 ha
13. Mineable Area (in ha)	12.145 ha
14. Zero level mRL	99 mRL

15. Max. & Min mrl within lease area	106 mRL and 100 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°54'26.00"N	79°48'57.66"E
	B	25°54'25.78"N	79°49'28.82"E
	C	25°54'21.45"N	79°49'31.50"E
	D	25°54'21.63"N	79°48'57.64"E
17. Total Geological Reserves	6,07,250 m ³		
18. Total Mineable Reserves in LOI	1,94,304 m ³ /year		
19. Total Proposed Production	1,94,304 m ³ /year (9,71,520 m ³ in 05 years)		
20. Proposed Production/year	1,94,304 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	706.56 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 62 labours		
27. No. Of vehicles movement/day	47 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR 41 B (Rath-Jalalpur)- 3.2 km*(NE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.22	
	Suppression of dust	32.04	
	Plantation	0.030	
	Others (Stored water)	0.10	
Total	33.39 KLD		
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster Certificate is issued by Mines Officer, Hamirpur Letter No.02/Khanij-MMC-30-vividh (2017-18), dated 02.04.2018.		
35. Details of Lease Area in approved DSR	Page No 63; Table No. 20		
36. Proposed CER cost	2% of total project cost i.e. Rs.20,91,743/-		
37. Proposed EMP cost & Total Project Cost	Rs. 58,92,321/- & Rs. 10,45,87,156/-		
38. Length and Width of Haul Road	Unpaved Length 2.67 km and Paved Length 6.91 km and 6 m width		
39. No. of Trees to be Planted	91		

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 1 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:

- 1- Pakka motorable haul road to be maintained by the project proponent.
- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 20,91,743/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.

- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

11. Proposed Riverbed Sand/Morrum Mining Project from Betwa River of M/s Baba Bholenath Traders, located at Khand No.- 10/36, Village-Beri, Tehsil- Hamirpur, District-Hamirpur, U.P.,Sanctioned Lease Area-12.145 Ha, File No. 4376/Proposal No.SIA/UP/MIN/27993/2018

RESOLUTION AGAINST AGENDA NO-11

The case was considered in 364th SEAC meeting dated 16/10/2018 wherein, after a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

This matter was placed before SEIAA in its meeting dated 06/11/2018 and decided that:-

"The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the SEIAA meeting. However, the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018."

The joint meeting of SEIAA and SEAC was held on 14/11/2018 and its minutes were uploaded on website www.seiaaup.in. The committee considered the case in compliance of joint meeting decision dated 14/11/2018. The committee noted that proponent/consultant has submitted individual EIA for the titled project. A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.- 10/36, Village-Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., (Sanctioned Lease Area-12.145 Ha.), M/s Baba Bholenath Traders.
2. The public hearing was organized on 18/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/27993/2018
2. File No. allotted by SEIAA, UP	4376
3. Name of Proponent	M/s Baba Bholenath Traders Shri Brajesh Chandra Tripathi S/o Shri Rajaram
4. Full correspondence address of proponent and mobile no.	M/s Baba Bholenath Traders Shri Brajesh Chandra Tripathi S/o Shri Rajaram R/o Village – Dhingpur, Hari Nagar, P.S. - Sikanderpur, District - Kannauj, Uttar Pradesh. 209725

Annexure-1

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM
MINING PROPOSALS**

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.

18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.

34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of

- the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
 16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
 17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
 18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
 19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
 20. Common road for transportation of minerals is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
 21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
 22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
 23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
 24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
 25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
 26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
 27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
 28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
 29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand-1, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541. Fax : 91-522-2300 543

E-mail : docupiko@yahoo.com

Website : www.seiaaup.in

To,

Shri Anil Dixit,
S/o Shri Radhe Shyam Dixit,
Owner,
R/o Geru Wala Bangla,
Tyagi Nagar, Morar,
Gwalior, M.P- 474006

Ref. No. 111/...../Para/SEAC/4192/2018

Date: 25 May, 2018

Sub: Terms of reference for Proposed River Bed Sand/Morrum Mining Project from Betwa River at Khand No.- 23/13, Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., Sanctioned Lease Area:12.145 ha., M/s Kanha Construction Company.

Dear Sir,

Please refer to your application dated 04-04-2018, 10-04-2018 addressed to the Secretary SEAC/Director, Directorate of Environment, U.P. on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 17/04/2018 and SEIAA in its meeting dated 07/05/2018.

A presentation was made by project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining Project from Betwa River at Khand No.- 23/13, Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., Sanctioned Lease Area:12.145 ha., M/s Kanha Construction Company.
- 2- Salient features details of the project is as follows:

1. On-line proposal No.	S/A/UP/MIN/23553/2018
2. File No. allotted by SEIAA, UP	4192
3. Name of Proponent	Shri Anil Dixit
4. Full correspondence address of proponent and mobile no.	Shri Kanha Construction Company Proprietor- Shri Anil Dixit S/o Shri Radhe Shyam Dixit R/o Geru wala bangla, Tyagi Nagar, Morar, Gwalior, M.P. 474006
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 23/13
7. Name of River	Betwa
8. Name of Village	Bhedi Kharka
9. Tehsil	Sarila
10. District	Hamirpur
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	12.145 ha
13. Mineable Area (in ha)	12.145 ha
14. Zero level mRL	100 mRL
15. Max. & Min mrl within lease area	106 mRL and 100 mRL

TOR for Proposed River Bed Sand/Morrum Mining Project from Betwa River at Khand No.- 23/13, Village- Bhadli Kharka, Tehsil- Sarila, District- Hamirpur, U.P., Sanctioned Lease Area: 12.145 ha., M/s Kenha Construction Company.

16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°54'26.00"N	79°48'57.66"E
	B	25°54'25.78"N	79°49'28.82"E
	C	25°54'21.45"N	79°49'31.50"E
	D	25°54'21.63"N	79°48'57.64"E
17. Total Geological Reserves	6,07,250 m ³		
18. Total Mineable Reserves in LOI	1,94,304 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	1,94,304 m ³ /year (9,71,520 m ³ in 05 years)		
20. Proposed Production/year	1,94,304 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	706.56 m ³ /day		
23. Method of Mining	Open cast Manual / Semi Mechanized Mining		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	79 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR 41 B (Rath-Jalaipur)- 3.2 km ² (NE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	12.0	
	Plantation	0.03	
	Others (if any)	-	
	Total	12.55 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0076 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project comes under B1 category, cluster Certificate is not required.		
35. Details of Lease Area in approved DSR	Page No 63; Table No. 20		
36. Proposed CSR cost	5% of total project cost i.e. Rs.6,98,667.5/-		
37. Proposed EMP cost & Total Project Cost	Rs. 30,12,700/- & Rs. 1,39,00,000/-		
38. Length and Width of Haul Road	1000 m Length and 6 m width		
39. No. of Trees to be Planted	60		

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2001.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.

- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).
- 8- The project proposal falls under B1 category on the basis of District Mining Officer cluster certificate.

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA:

1. Take further necessary action in the matter as per provision of Gazette Notification No. S.O. 1533(E) dated 14.9.2006 (as amended) and MOEFCC EIA Notification dated 15/01/2016 regarding project site in vicinity of Inter State Boundary.
2. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
3. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
4. CSR cost to be calculated for individual lease.
5. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
6. The lab conducting the analysis should be authenticated and registered.
7. Public hearing to be conducted as per EIA Notification, 2006. (as amended)
8. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
9. Approved mining plans for all the mining projects.
10. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
11. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
12. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
13. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
14. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
15. A detailed biological study for the study area (core zone and buffer zone (10 km radius of the periphery of the mine lease)) shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
16. Impact of change of land use should be given.
17. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.

18. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
19. 02 km kachcha haul road to be made motorable. Submit Plan.
20. One season (Non Monsoon) primary baseline data on ambient air quality ($PM_{2.5}$, PM_{10} , SO_2 and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
21. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM_{10} particularly for free silica should be given.
22. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
23. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
24. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
25. Details of water conservation measures proposed to be adopted in the project should be given.
26. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
27. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
28. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
29. Details of rainwater harvesting proposed, if any, in the project should be provided.
30. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
31. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).

32. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
33. Impact on local transport infrastructure (due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should covered.
34. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
35. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
36. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
37. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
38. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
39. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
40. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
41. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
42. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
43. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
44. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
45. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
46. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
47. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.

TOR for Proposed River Bed Sand/Minimum Mining Project from Gogra River at Khand No. - 23/13, Village- Bhedi Kharla,
Tehsil- Sarila, District- Hamirpur, U.P., Sanctioned Leased Area: 12.145 ha., M/s Kanha Construction Company.

48. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
49. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

No /Parya/SEAC/4192/2018 Dated: As above

Copy with enclosure for information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Alliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Alliganj, Lucknow.
4. District Magistrate, Hamirpur.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Director, Geology and Mining, Govt. of U.P.
7. Copy to Web Master/ guard file.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

Minutes of the 206th Meeting of the SEIAA held on 07/05/2018

mentioned as 5.520 ha. including one more gata no- 1122. Hence, the total area and gata no. should be specified in the E.C. letter.

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC but the SEIAA replaces the specific conditions no-2 of annexure-2 as "If in future during the progressive mining this lease area becomes part of cluster i.e. area equal to or more than 25 ha., limited to B-1 category, then additional conditions based on the EIA conducted by the concerned lease holders shall be imposed and joint EMP shall be implemented. The lease holder shall mandatorily follow all the imposed conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per the law shall be initiated against the authority issuing the cluster certificate.

18. Proposed River Bed Sand/Morrum Mining Project from Betwa River for M/s Bindu and Ram Construction Company, located at Gata No.- 1396 Ga and Khand No.- 03, Village- Bhedi Khurd, Tehsil-Kaloi, District- Jalaun, Lease Area: 20.242 Ha File No. 4182/Proposal No. (SIA/UP/MIN /23344//2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

19. Proposed River Bed Sand/Morrum Mining Project from Ken River for M/s Shri Vinay Kumar, located at Gata No.- 5 & 9 (Block No.- 10), Village- Bilharka, Tehsil- Naraini, District- Banda, U.P., Lease Area: 25.0 ha File No. 4188/Proposal No. (SIA/UP/MIN /23472//2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

20. Proposed River Bed Sand/Morrum Mining Project from Betwa River for M/s Kanha Construction Company at Khand No.- 23/13, Village- Bhadi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., Sanctioned Lease Area:12.14 ha File No. 4192/Proposal No. (SIA/UP/MIN /23553//2018

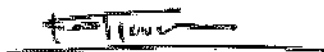
The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

21. Sand Mining Project at Sharda River at Gata No.- 183 ha, over an area of 13.06 Ha situated in Village- Sarvashyapuri, Tehsil- Lakhimpur, District- Kheri, U.P, Sanctioned Lease Area: 13.06 ha File No. 4193/Proposal No. (SIA/UP/MIN /23755//2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

With the permission of chairman, SEIAA

The SEIAA noted that as per the decision of the joint meeting of SEIAA and SEAC held on 09-03-2018 the condition "If in future during the progressive mining this lease area becomes part of cluster i.e. area equal to or more than 25 ha., limited to B-1 category, then additional conditions based on the EIA conducted by the concerned lease holders shall be imposed and





- number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Kanpur Dehat, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
 - 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
 - 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
 - 21- Width of the haul road shall be more than 6 meter.
 - 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

2. Proposed River Bed Sand/Morrum Mining Project from Betwa River for M/s Kanha Construction Company, located at Khand No.- 23/13, Village- Bhedi Kharka, Tehsil- Sarila, Hamirpur, Sanctioned Lease Area: 12.145 ha (30 Acre) File No. 4192/Proposal No.SIA/UP/MIN/23553/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand/Morrum Mining Project from Betwa River at Khand No.- 23/13, Village- Bhedi Kharka, Tehsil- Sarila, Hamirpur, Sanctioned Lease Area: 12.145 ha (30 Acre), M/s Kanha Construction Company.
2. ~~The public hearing was organized on 19/09/2018.~~
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/23553/2018		
2. File No. allotted by SEIAA, UP	4192		
3. Name of Proponent	Shri Kanha Construction Company/ Proprietor- Shri Anil Dixit		
4. Full correspondence address of proponent and mobile no.	Shri Kanha Construction Company Proprietor- Shri Anil Dixit S/o Shri Radhe Shyam Dixit R/o Gera wala bangla, Tyagi Nagar, Merar, Gwalior, M.P. 474906		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 23/13		
7. Name of River	Betwa		
8. Name of Village	Bhedi Kharka		
9. Tehsil	Sarila		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	12.145 ha		
13. Mineable Area (in ha)	12.145 ha		
14. Zero level mRL	99 mRL		
15. Max. & Min mrl within lease area	106 mRL and 100 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		

	A	25°54'26.00"N	79°48'57.66"E
	B	25°54'25.78"N	79°49'28.82"E
	C	25°54'21.45"N	79°49'31.50"E
	D	25°54'21.63"N	79°48'57.64"E
17. Total Geological Reserves	6,07,250 m ³		
18. Total Mineable Reserves in LOI	1,94,304 m ³ /year		
19. Total Proposed Production	1,94,304 m ³ /year (9,71,520 m ³ in 05 years)		
20. Proposed Production/year	1,94,304 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	706.56 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 62 labours		
27. No. Of vehicles movement/day	7 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR 41 B (Rath-Jalalpur)- 3.2 km*(NE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.22	
	Suppression of dust	32.04	
	Plantation	0.030	
	Others (Stored water)	0.10	
	Total	33.39 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/BIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster Certificate is issued by Mines Officer, Hamirpur Letter No.02/Khanij-MMC-30-vividh (2017-18), dated 02.04.2018.		
35. Details of Lease Area in approved DSR	Page No 63; Table No. 20		
36. Proposed CER cost	2% of total project cost i.e. Rs.20,91,743/-		
37. Proposed EMP cost & Total Project Cost	Rs. 58,92,321/- & Rs. 10,45,87,156/-		
38. Length and Width of Haul Road	Unpaved Length 2.67 km and Paved Length 6.91 km and 6 m width		
39. No. of Trees to be Planted	91		

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The project proponent also informed that as per EIA Notification 14th September, 2006, online submission of EIA report for appraisal after public hearing is next stage in the process of grant of environmental clearance. We are unable to submit our complete EIA report which is of approx. 85 MB on the MoEF&CC portal due to restriction of 20 MB file size. Hence, they are submitting only EMP of the

project, minutes of public hearing, risk assessment document which constitute the main domain of an EIA report.

RESOLUTION AGAINST AGENDA NO-02

The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled.

The recommendation of EC will be subjected to general/ specific conditions as annexed at annexure 1 & 2 to these minutes. The committee also stipulated following specific conditions:

- 1- Pakka motorable haul road to be maintained by the project proponent.
- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping method extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 20,91,743/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with

name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.

- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CBR.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

3. Proposed Riverbed Sand/Morrum Mining Project from Betwa River of M/s Baba Bholenath Traders, located at Khand No.- 10/36, Village-Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-12.145 Ha, File No. 4376/Proposal No.SIA/UP/MIN/27993/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.- 10/36, Village-Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., (Sanctioned Lease Area-12.145 Ha.), M/s Baba Bholenath Traders.
2. The public hearing was organized on 18/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/27993/2018		
2. File No. allotted by SBIAA, UP	4376		
3. Name of Proponent	M/s Baba Bholenath Traders Shri Brajesh Chandra Tripathi S/o Shri Rajaram		
4. Full correspondence address of proponent and mobile no.	M/s Baba Bholenath Traders Shri Brajesh Chandra Tripathi S/o Shri Rajaram R/o Village – Dhingpur, Hari Nagar, P.S. - Sikanderpur, District - Kannauj, Uttar Pradesh. 209725		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 10/36		
7. Name of River	Betwa River		
8. Name of Village	Beri		
9. Tehsil	Hamirpur		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	12.145 ha		
13. Mineable Area (in ha)	8.855 ha		
14. Zero level mRL	94 mRL		
15. Max. & Min mrl within lease area	98 mRL and 100 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude

Annexure-1

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM
MINING PROPOSALS**

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fanna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPFCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can

- form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SELAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.

36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vinay Khand 1, Gomti Nagar, Lucknow - 226 010

Phone: 91-522-2300 543, Fax: 91-522-2300 543

E-mail: deuplko@yahoo.com

Website: www.seiaaupr.in

Minutes of the 240th Meeting of the State Level Environment Impact Assessment Authority, UP (SEIAA) held on 06/11/2018

The meeting of 240th State Level Environment Impact Assessment Authority, UP (SEIAA) was held on 06/11/2018 at the Directorate of Environment. The following were present in the meeting:-

- | | |
|------------------------------|------------------------------|
| 1. Prof. Rana Pratap Singh | Chairman, SEIAA, U.P |
| 2. Dr. (Smt.) Madhu Bhardwaj | Member, SEIAA, U.P |
| 3. Sri Ashish Tiwari | Member Secretary, SEIAA, U.P |

Agenda-A: Complaints/letters – Nil

Agenda-B: Replies- Nil

Agenda-C: Minutes of 364th SEAC Meeting Date 16/10/2018

1. Sand/Morrum Mining at Khand no. K-2, Gata no. 389Mi, 390Mi, Village: Khrka, Tehsil : Bhojpur, Distt: Kanpur Dehat, U.P. (Leased area 18.33 ha.) File No. 4160/Proposal No.SIA/UP/MIN/22656/2018

The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the SEIAA meeting. However, the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018.

2. Proposed River Bed Sand/Morrum Mining Project from Betwa River for M/s Kanha Construction Company, located at Khand No.- 23/13, Village- Bhedi Kharka, Tehsil- Sarila, Hamirpur, Sanctioned Lease Area: 12.145 ha (30 Acre) File No. 4192/Proposal No.SIA/UP/MIN/23553/2018

The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the



Madhu Bhardwaj

Ashish Tiwari

Minutes of the 240th Meeting of the SEIAA held on 06/11/2018

SEIAA meeting. However, the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018.

3. Proposed Riverbed Sand/Morrum Mining Project from Betwa River of M/s Baba Bholenath Traders, located at Khand No. - 10/36, Village-Beri, Tehsil- Hamirpur, District- Hamirpur, U.P. Sanctioned Lease Area-12.145 Ha, File No. 4376/Proposal No.SIA/UP/MIN/27993/2018

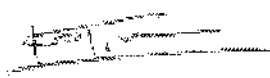
The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the SEIAA meeting. However, the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018.

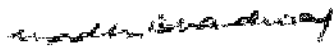
4. Proposed Sand/Moorum Mining Project Khand No. 20/6, Vill: Tikapur, Tehsil Maudaha, Distt: Hamirpur, U.P. Leased area 24.291 ha. File No. 4156/Proposal No.SIA/UP/MIN/22632/2018

The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the SEIAA meeting. However, the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018.

5. Proposed River Bed Sand Mining Project from Betwa River for M/s Pehalwan Traders, located at Khand No.- 23/7, Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., Sanctioned Lease Area: 12.145 ha, File No. 4141/Proposal No.SIA/UP/MIN/22490/2018

The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the SEIAA meeting. However, the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018.





Res. 7/2

Directorate of Environment, U.P.

Vineet Khand-1, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : doeuplko@yahoo.com

Website : www.seiaaup.in

To,

Shri Anil dixit,
S/o Shri Radha Shyam Dixit,
Owner,
R/o Geru Wala Bangla,
Tyagi Nagar, Morar,
Gwalior, M.P. 474006

Ref. No. 493 /Parya/SEAC/4192/2018Date: 24 November, 2018

Sub: Environmental Clearance for River Bed Sand/Morrum Mining Project from Betwa River at Khand No.- 23/13, Village- Bhedi Kharka, Tehsil- Sarila, Hamirpur, Sanctioned Lease Area: 12.145 ha (30 Acre), M/s Kanha Construction Company.

Dear Sir,

Please refer to your application/letter dated 05-04-2018, 04-10-2018 & 15-10-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 16/10/2018 & 16/11/2018.

A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand/Morrum Mining Project from Betwa River at Khand No.- 23/13, Village- Bhedi Kharka, Tehsil- Sarila, Hamirpur, Sanctioned Lease Area: 12.145 ha (30 Acre), M/s Kanha Construction Company.
2. The public hearing was organized on 19/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/23553/2018		
2. File No. allotted by SEIAA, UP	4192		
3. Name of Proponent	Shri Kanha Construction Company Proprietor- Shri Anil Dixit		
4. Full correspondence address of proponent and mobile no.	Shri Kanha Construction Company Proprietor- Shri Anil Dixit S/o Shri Radha Shyam Dixit R/o Geru wala bangla, Tyagi Nagar, Morar, Gwalior, M.P. 474006		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 23/13		
7. Name of River	Betwa		
8. Name of Village	Bhedi Kharka		
9. Tehsil	Sarila		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	12.145 ha		
13. Mineable Area (in ha)	12.145 ha		
14. Zero level mRL	99 mRL		
15. Max. & Min mrl within lease area	106 mRL and 100 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		

	A	25°54'26.00"N	79°48'57.66"E
	B	25°54'25.78"N	79°49'28.82"E
	C	25°54'21.45"N	79°49'31.50"E
	D	25°54'21.63"N	79°48'57.64"E
17. Total Geological Reserves	6,07,250 m ³		
18. Total Mineable Reserves In LOI	1,94,304 m ³ /year		
19. Total Proposed Production	1,94,304 m ³ /year (9,71,520 m ³ in 05 years)		
20. Proposed Production/year	1,94,304 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	706.56 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 62 labours		
27. No. Of vehicles movement/day	47 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR 41 B (Rath-Jalaipur)- 3.2 km* (NE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.22	
	Suppression of dust	32.04	
	Plantation	0.030	
	Others (Stored water)	0.10	
	Total	33.39 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (i) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster Certificate is issued by Mines Officer, Hamirpur Letter No.02/Khanj-MMC-30-vividh (2017-18), dated 02.04.2018.		
35. Details of Lease Area in approved DSR	Page No 63; Table No. 20		
36. Proposed CER cost	2% of total project cost i.e. Rs.20,91,743/-		
37. Proposed EMP cost & Total Project Cost	Rs. 58,92,321/- & Rs. 10,45,87,156/-		
38. Length and Width of Haul Road	Unpaved Length 2.67 km and Paved Length 6.91 km and 6 m width		
39. No. of Trees to be Planted	91		


4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 16/10/2018 & 16/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 22/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 1,94,304 m³/year is proposed from mining lease area 12.145 ha subject to effective implementation of the following General Conditions and specific conditions:



General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite



- data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measures for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
 36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
 37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
 38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
 39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
 40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
 41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical

- health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
 43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
 44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
 45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
 46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
 47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
 48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

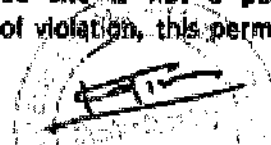
Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. Pakka motorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 25,56,911/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22/65/2017-IA,III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two

- numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Kanpur Dehat, U.P.
19. Health/insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
 20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
 21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
 22. Width of the haul road shall be more than 6 meter.
 23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
 24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
 25. If in future this lease area becomes part of cluster of equal to or more than 25 ha, then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
 26. The Environmental clearance will be co-terminus with the mining lease period.
 27. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
 28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
 29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/MHA and should be submitted to SEIAA/SEAC, Secretariat as earliest.
 30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C. issued will stand revoked.
 31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
 32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
 33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
 34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
 35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
 36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
 37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers

- engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored ((TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)).
 39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
 40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
 41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
 42. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
 43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
 44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
 45. Solid waste material viz., gutkhapouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
 46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
 47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
 48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
 49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
 50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
 51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
 52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
 53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 11 of the National Environment Appellate Authority Act, 1997.
 55. Waste water from potable use be collected and reused for sprinkling.
 56. During the school opening and closing time vehicle movement will be restricted.
 57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be



cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along-with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.


(Ashish Tiwari)
Member Secretary, SEIAA

Ref. No. /Parya/SEAC/4192/2018 Dated: As above

Copy for Information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.


(Ashish Tiwari)
Member Secretary, SEIAA

Minutes of 345th SEAC Meeting Date 21/06/2018

The 345th meeting of SEAC was held in Directorate of Environment, U.P. on 21/06/2018 following members were present in the SEAC:

1.	Dr. (Prof.) S.N. Singh,	Chairman
2.	Dr. Sarita Sinha,	Member
3.	Dr. Arvind Mathur,	Member
4.	Dr. Virendra Mishra,	Member
5.	Dr. Pramod Kumar Mishra,	Member
6.	Dr. Richhpal Singh Sangu,	Member
7.	Dr. Ranjeet Kumar Dalela,	Member
8.	Shri Ramesh Chand Kataria,	Member
9.	Shri Rajive Kumar,	Member

The Chairman welcomed the members to the 345th SEAC meeting.

The SEAC unanimously took following decisions on the agenda points discussed:

1. Proposed River Bed Sand/Morrum Mining Project from Yamuna River at Khand No.-14/5 & 14/6 (Area - 24.28 Ha.) at Village - Dedhawal, Tehsil -Manjhanpur , District - Kaushmbhi , U.P., Smt. Neelam Singh, Lease Area - 24.28 Ha. File No. 4325/Proposal No. (SIA/UP/ MIN /26243/2018)

A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Private Limited. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for proposed River Bed Sand/Morrum Mining Project from Yamuna River at Khand No.-14/5 & 14/6 at Village-Dedhawal, Tehsil -Manjhanpur, District - Kaushmbhi , U.P., (Leased Area - 24.28 Ha.).

2- Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/26243/2018 dated 29 th May 2018
2. File No. allotted by SEIAA, UP	4325
3. Name of Proponent	M/s Sai Construction & Suppliers
4. Full correspondence address of proponent and mobile no.	Village Katka, Post Tamakhas, Dist. Sant Kabir Nagar, UP.
5. Name of Project	Dedhawal Morrum Mining Project
6. Project location (Plot/Khasra/Gata No.)	Gata No. Khand No. 14/5 & 14/6
7. Name of River	Yamuna
8. Name of Village	Dedhawal
9. Tehsil	Manjhanpur
10. District	Kaushambhi, Uttar Pradesh
11. Name of Minor Mineral	Sand
12. Sanctioned Lease Area (in Ha.)	24.28 ha.
13. Mineable Area (in Ha.)	16.24 ha.
14. Zero level mRL	77.12mRL.

Minutes of 345th SEAC Meeting Dated 21/06/2018

15. Max. & Min mrl within lease area	The highest level of area is 79.0mRL while the lowest level is 77.12mRL.	
16. Pillar Coordinates (Verified by DMO)	25° 19.993'N 81° 16.221'E 25° 20.012'N 81° 16.344'E 25° 19.603'N 81° 16.568'E 25° 19.500'N 81° 16.296'E 25° 19.648'N 81° 16.287'E 25° 19.738'N 81° 16.484'E	
17. Total Geological Reserves	10,04,364.4MT	
18. Total Mineable Reserves in LOI	8,73,000 MT	
19. Total Proposed Production (in five year)	24,25,000 m ³ (36,37,500 TPA)	
20. Proposed Production/year	4,85,000 m ³ (8,73,000 TPA)	
21. Sanctioned Period of Mine lease	5 years	
22. Production of mine/day	3492 TPD	
23. Method of Mining	Semi-mechanized	
24. No. of working days	250 days	
25. Working hours/day	12 hours	
26. No. Of workers	110	
27. No. Of vehicles movement/day	349	
28. Type of Land	Government Land	
29. Ultimate Depth of Mining	3m.	
30. Nearest metalled road from site	2.05km	
31. Water Requirement	Purpose	Water Requirement (KLD)
	Dust Suppression	5.0 KLD
	Irrigation	1.5 KLD
	Domestic (drinking)	1.8 KLD
	Total Water Required	8.3 KLD (9.0 KLD)
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1619, validity=31-01-2019	
33. Any litigation pending against the project or land in any court	No	
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	162/khanan sahayak kau. , Dated: 19.04.2018	
35. Details of Lease Area in approved DSR	Details of lease area is given in DSR page no. 16	
36. Length and breadth of Haul Road	Length:2050m Width: 6m	
37. No. of Trees to be Planted	100/ year	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category--1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-01

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes. The committee also stipulated following conditions:

- 1- Revised form-2 should be submitted.
- 2- Monitoring will be carried out in post monsoon i.e. October to December, 2018.
- 3- Combined E.M.P. will be provided.

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Plot No. 1, Gomti Nagar, Lucknow - 226 010

Phone: 91-522-2300 543, Fax: 91-522-2300 543

E-mail: doepilko@yahoo.com

Website: www.seiaaup.in

To,

Smt. Neelam Singh,
Village- Katka, Post- Tamakhus,
District- Santkabit Nagar, U.P.

Ref. No. 321 /Parya/SEAC/4325/2017

Date: 07 August, 2018

Sub: Terms of Reference for proposed River Bed Sand/Morrum Mining Project from Yamuna River at Khand No.-14/5 & 14/6 at Village-Dedhawal, Tehsil -Manjhanpur, District - Kaushmbhi, U.P., (Leased Area - 24.28 Ha.).

Dear Sir,

Please refer to your application/letter dated 29-05-2018 & 07-06-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 21-06-2018 and SEIAA in its meeting dated 10-07-2018.

A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Private Limited. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for proposed River Bed Sand/Morrum Mining Project from Yamuna River at Khand No.-14/5 & 14/6 at Village-Dedhawal, Tehsil - Manjhanpur, District - Kaushmbhi, U.P., (Leased Area - 24.28 Ha.).
- 2- Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/26243/2018 dated 29 th May 2018
2. File No. allotted by SEIAA, UP	4325
3. Name of Proponent	M/s Sai Construction & Suppliers
4. Full correspondence address of proponent and mobile no.	Village Katka, Post Tamakhas, Dist. SantKabit Nagar, UP.
5. Name of Project	Dedhawal Morrum Mining Project
6. Project location (Plot/Khasra/Gata No.)	Gata No. Khand No. 14/5 & 14/6
7. Name of River	Yamuna
8. Name of Village	Dedhawal
9. Tehsil	Manjhanpur
10. District	Kaushambhi, Uttar Pradesh
11. Name of Minor Mineral	Sand
12. Sanctioned Lease Area (in Ha.)	24.28 ha.
13. Mineable Area (in Ha.)	16.24 ha.
14. Zero level mRL	77.12mRL.
15. Max. & Min mrl within lease area	The highest level of area is 79.0mRL while the lowest level is 77.12mRL.
16. Pillar Coordinates (Verified by DMO)	25° 19.993'N 81° 16.221'E 25° 20.012'N 81° 16.344'E 25° 19.603'N 81° 16.568'E 25° 19.500'N 81° 16.296'E 25° 19.648'N 81° 16.287'E

**TOR for proposed River Bed Sand/Morrum Mining Project from Yamuna River at Khand No.-14/5 & 14/6 at Village-
Badhawal, Tehsil-Manjhanpur, District - Kaushtubhi, U.P., (Leased Area - 24.29 Ha.)**

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30. Nearest metalled road from site	2.05km	
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	Dust Suppression	5.0 KLD
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	Domestic (drinking)	1.8 KLD
	Total Water Required	8.3 KLD (9.0 KLD)
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1619, validity=31-01-2019	
33. Any litigation pending against the project or land in any court	No	
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	162/khanan sahayak kau. , Dated: 19.04.2018	
35. Details of Lease Area in approved DSR	Details of lease area is given in DSR page no. 16	
36. Length and breadth of Haul Road	Length:2050m Width: 5m	
37. No. of Trees to be Planted	100/ year	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue following terms of reference (TOR) for the preparation of EIA.

1. Revised form-2 should be submitted.
2. Monitoring will be carried out in post monsoon i.e. October to December, 2018.
3. Combined E.M.P. will be provided.
4. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
5. Certificate from Mining Officer that there is no other mining area exit within 500 m

- periphery.
6. CSR cost to be calculated for individual lease.
 7. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
 8. The lab conducting the analysis should be authenticated and registered.
 9. Public hearing to be conducted as per EIA Notification, 2006.
 10. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
 11. Approved mining plans for all the mining projects.
 12. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
 13. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
 14. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
 15. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
 16. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
 17. A detailed biological study for the study area (core zone and buffer zone (10 km radius of the periphery of the mine lease)) shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
 18. Impact of change of land use should be given.
 19. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
 20. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
 21. 02 km kachcha haul road to be made motorable. Submit Plan.
 22. One season (Non Monsoon) primary/ baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations


should be justified.

23. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
24. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
25. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
26. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
27. Details of water conservation measures proposed to be adopted in the projected should be given.
28. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
29. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
30. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
31. Details of rainwater harvesting proposed, if any, in the project should be provided.
32. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
33. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
34. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
35. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should covered.

36. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
37. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
38. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
39. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
40. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
41. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
42. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
43. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
44. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
45. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
46. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
47. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
48. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
49. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
50. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
51. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit


the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

No. /Para/SEAC/4925/2018 Dated: As above

Copy with enclosure for information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate, Kaushambi.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Copy to Web Master/ guard file.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

10. Proposed River Bed Sand/Morrum Mining Project from Yamuna River for M/s Chaudhary Traders, located at Khand No.- 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177, 176 Mi, Village- Amlaur Khadar, Tehsil- Pailani, District- Banda, U.P., Sanctioned Lease Area: 25.29 ha. File No. 4227/Proposal No. SIA/UP/MIN/25126/2018

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

11. Proposed Riverbed Sand/Morrum Mining Project from Yamuna River at Khand No.-14/S & 14/6 (Area: 24.28 Ha) located at Village - Dedhawa, Tehsil -Manjhanpur, District - Kaushmbhi, U.P., Lease Area - 24.28 Ha. (File No. 4325/Proposal No. SIA/UP/MIN/26243/2018

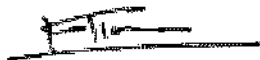
The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

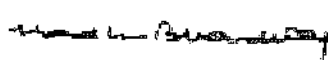
12. Proposed Riverbed Sand/Morrum Mining Project from Ken River of M/s Chaudhary Int Udyog located at Gata No. 04 (Block-17), Village-Sadi Khadar, Tehsil- Pailani, District- Banda, U. P. Lease Area-13 Ha File No. 4335/Proposal No. SIA/UP/MIN/29573/2018


The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

13. River Bed Sand Mining Project from Yamuna River of M/s Eureka Mines and Minerals LLP located at Gata No.-1598 Cha. Village- Samuhi, Tehsil- Ghatampur, District- Kanpur Nagar, (L A-27.5 Ha) File No. 4050/Proposal No. SIA/UP/MIN/21868/2018

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".







- 10- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs 38,20,560/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Banda, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

11. Proposed Riverbed Sand/Morrum Mining Project from Yamuna River at Khand No.- 14/5 & 14/6 (Area: 24.28 Ha) located at Village - Dedhawal, Tehsil -Manjhanpur , District - Kaushmbhi , U.P., Lease Area - 24.28 Ha. File No. 4325/Proposal No. SLA/UP/MIN/26243/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Proposed Riverbed Sand/Morrum Mining Project from Yamuna River at Khand No.-14/5 & 14/6 at Village - Dedhawal, Tehsil -Manjhanpur , District - Kaushmbhi , U.P., Lease Area - 24.28 Ha.
2. Terms of reference in the matter were issued through SEIAA letter dated 07/08/2018.

Minutes of 372nd SEAC Meeting Dated 16/11/2018

3. The public hearing was organized on 08/10/2018.

4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/26243/2018		
2. File No. allotted by SEIAA, UP	4325		
3. Name of Proponent	M/s Sai Construction And Suppliers Proprietor- Smt. Neelam Singh		
4. Full correspondence address of proponent and mobile no.	M/s Sai Construction And Suppliers Proprietor- Smt. Neelam Singh W/o Shri Awadhesh Singh R/o Village- Katka, Post- Tamakhas, District Sant Kabir Nagar, U.P.		
5. Name of Project	Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 14/5 to 14/6		
7. Name of River	Yamuna		
8. Name of Village	Dedhawal		
9. Tehsil	Manjhanpur		
10. District	Kaushambi		
11. Name of Minor Mineral	Morrum		
12. Sanctioned Lease Area (in ha)	24.28 ha		
13. Mineable Area (in ha)	16.24 ha		
14. Zero level mRL	75 mRL		
15. Max. & Min mrl within lease area	79 mRL and 77 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude (N)	Longitude (E)
	Sanctioned Area		
	A	25°19.993'N	81°16.221'E
	B	25°20.012'N	81°16.344'E
	C	25°19.603'N	81°16.568'E
	D	25°19.500'N	81°16.296'E
	Workable Area		
	A	25°19.993'N	81°16.221'E
	B	25°20.012'N	81°16.344'E
	F	25° 19.738'N	81° 16.484'E
	E	25° 19.648'N	81° 16.287'E
	Non Workable Area		
	E	25° 19.648'N	81° 16.287'E
	F	25° 19.738'N	81° 16.484'E
	C	25°19.603'N	81°16.568'E
	D	25°19.500'N	81°16.296'E
17. Total Geological Reserves	12,14,000 m ³		
18. Total Mineable Reserves in LOI	4,85,000 m ³ /year		
19. Total Proposed Production	4,85,000 m ³ /year (24,25,000 m ³ in 05 years)		
20. Proposed Production/year	4,85,000 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1764 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 69 labours		
27. No. Of vehicles movement/day	118 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR (Newada Road): 5.60 km*(NW)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1..65	

	Suppression of dust	9.48
	Plantation	0.061
	Others (Stored Water)	0.10
	Total	11.29 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No. 1315/ Khanan/ Sahayak Kau. dated 15.11.2018	
35. Details of Lease Area in approved DSR	Page No 16; Table No. 03	
36. Proposed CER cost	2% of total project cost i.e. Rs. 35,27,000/-	
37. Proposed EMP cost & Total Project Cost	Rs. 29,27,029/- & Rs. 17,63,91,000/-	
38. Length and Width of Haul Road	Unpaved Length 0.79 km and Paved Length 5.94 km and 6 m width	
39. No. of Trees to be Planted	182	

5. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
6. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
7. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
8. There is no litigation pending in any court regarding this project.
9. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-11

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 1 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:

- 1- Pakkamotorable haul road to be maintained by the project proponent.
- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.

- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs . 35,27,000/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Kaushambi, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

12. Proposed Riverbed Sand/Morrum Mining Project from Ken River of M/s Chaudhary Int Udyog located at Gata No. 04 (Block-17), Village-Sadi Khadar, Tehsil- Pailani, District-Banda, U. P. Lease Area-13 Ha File No. 4335/Proposal No. SIA/UP/MIN/29573/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for proposed Riverbed Sand/Morrum Mining Project from Ken River at Gata No. 04 (Block-17), Village-Sadi Khadar, Tehsil- Pailani, District-Banda, U. P. Lease Area-13 Ha, M/s Chaudhary Int Udyog
2. The public hearing was organized on 26/09 2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/29573/2018
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Annexure-1

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM
MINING PROPOSALS**

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.

18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.

34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labor at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of

the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.

15. The critical parameters such as PM10, PM2.5, SO₂ and NO_x in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO₂ and NO_x. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

Minutes of the 220th Meeting of the SEIAA held on 10/07/2018

- 4- Email of Mr. Mehendra pandey dated 07-07-2018 regarding file no- 2673
The SEIAA asked the Nodal, officer to put the facts about the file before the SEIAA in the next meeting.
- 5- Email of Chairman, SEAC dated 08/07/2018.
Email of chairman, SEAC dated 08/07/2018 is referred to Director, Directorate of Environment for necessary action.

Agenda-B; Replies- NIL

Agenda-C; Minutes of 345th SEAC meeting.

The minutes of 345th SEAC meeting dated 21/06/2018 as per the agenda was also discussed in the meeting. The following decisions were taken -

1. Proposed River Bed Sand/Morrum Mining Project from Yamuna River at Khand No.-14/5 & 14/6 (Area - 24.28 Ha.) at Village - Dedhawal, Tehsil -Manihanpur , District - Kaushmbhi , U.P., Smt. Neelam Singh, Lease Area - 24.28 Ha. File No. 4325/Proposal No. (SIA/UP/ MIN /26243/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

2. Proposed River Bed Sand/Morrum Mining Project from Ghaghra River at Gata No.-Gha. 6/2 at Village - Kuti to Devaipipar-1, Tehsil Gola , District - Gorakhpur, U.P., Smt. Reeta Singh Lease Area - 36.423 Ha. File No. 4327/Proposal No. (SIA/UP/ MIN /26254/2018)

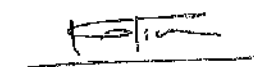
The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

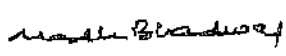
3. Sand/Morrum Mining Project at Khasra No.- 177, 178 Mi, 176, 160, 159 A, 162, 161, 158, 157 Mi, 156, 155, 163 Mi, 154, 148, 146, 147, 145, 144, 143, 138, 142, 141, 139 Mi, 140 Mi, 129., Village- Gadhiwa Maihigawan, Tehsil- Khaga, District- Fatehpur, U.P., Shri Daljeet Singh, Lease Area: 34.00 ha File No. 4235/Proposal No. (SIA/UP/ MIN /25595/2018)


The SEIAA has gone through the minutes and noted that SEAC has directed the project proponent to defer the matter to next meeting proposed on 08-06-2018. SEIAA also noted that no reason/comments has been mentioned as to why project proponent is being directed to defer the case. Recommendations are incomplete. Hence, the matter is referred back to SEAC.

4. Sand/Morrum Mining Project Khand- 1 B 36 & 15 Mi at Village-Ram Nagar Kauhan, Tehsil- Fatehpur, District- Fatehpur,, U.P., M/s Indore Property Pvt. Ltd., Lease Area: 40.48 ha File No. 4238/Proposal No. (SIA/UP/ MIN /25610/2018)

The SEIAA has gone through the minutes and noted that SEAC has directed the project proponent to defer the matter to next meeting proposed on 08-06-2018. SEIAA also noted that no reason/comments has been mentioned as to why project proponent is being directed to defer the case. Recommendations are incomplete. Hence, the matter is referred back to SEAC.







State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand- I, Gomti Nagar, Lucknow- 226 010

Phone : 91-522-2300 541. Fax : 91-522-2300 543

E-mail : dceuplko@yahoo.com

Website : www.seiaaup.in

To,

Smt. Neelam Singh,
Village- Kartka, Post- Tamakhas,
District- Santkabir Nagar, U.P.

Ref. No. 516 /Parya/SEAC/4325/2018Date: 24 November, 2018

Sub: Environmental Clearance for Proposed Riverbed Sand/Morrum Mining Project from Yamuna River at Khand No.-14/5 & 14/6 at Village - Dedhawal, Tehsil -Manjhanpur , District - Kaushmbhi , U.P., Lease Area - 24.28 Ha.

Dear Sir,

Please refer to your application/letter dated 29-05-2018, 07-06-2018, 23-10-2018 & 06-11-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 16/11/2018.

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Proposed Riverbed Sand/Morrum Mining Project from Yamuna River at Khand No.-14/5 & 14/6 at Village - Dedhawal, Tehsil -Manjhanpur , District - Kaushmbhi , U.P., Lease Area - 24.28 Ha.
2. Terms of reference in the matter were issued through SEIAA letter dated 07/08/2018.
3. The public hearing was organized on 08/10/2018.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/26243/2018		
2. File No. allotted by SEIAA, UP	4325		
3. Name of Proponent	M/s Sai Construction And Suppliers Propriator- Smt. Neelam Singh		
4. Full correspondence address of proponent and mobile no.	M/s Sai Construction And Suppliers Propriator- Smt. Neelam Singh W/o Shri Awadhes Singh R/o Village- Kartka, Post- Tamakhas, District- Sant Kabir Nagar, U.P.		
5. Name of Project	Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 14/5 to 14/6		
7. Name of River	Yamuna		
8. Name of Village	Dedhawal		
9. Tehsil	Manjhanpur		
10. District	Kaushmbhi		
11. Name of Minor Mineral	Morrum		
12. Sanctioned Lease Area (in ha)	24.28 ha		
13. Mineable Area (in ha)	16.24 ha		
14. Zero level mRL	75 mRL		
15. Max. & Min mrl within lease area	79 mRL and 77 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude (N)	Longitude (E)
	Sanctioned Area		
	A	25°19.993'N	81°16.221'E

[Signature]

**E.C. for Proposed River bed Sand/Morrum Mining Project from Yamuna River at Khand No.-14/5 & 14/6 at Village - Dadhawa,
Tehsil - Manjhanpur, District - Kaushambi, U.P. Lease Area - 24.28 Ha.**

	B	25°20.012'N	81°16.344'E
	C	25°19.603'N	81°16.568'E
	D	25°19.500'N	81°16.296'E
	Workable Area		
	A	25°19.993'N	81°16.221'E
	B	25°20.012'N	81°16.344'E
	F	25°19.738'N	81°16.484'E
	E	25°19.648'N	81°16.287'E
	Non Workable Area		
	E	25°19.648'N	81°16.287'E
	F	25°19.738'N	81°16.484'E
	C	25°19.603'N	81°16.568'E
	D	25°19.500'N	81°16.296'E
17. Total Geological Reserves	12,14,000 m ³		
18. Total Mineable Reserves in LOI	4,85,000 m ³ /year		
19. Total Proposed Production	4,85,000 m ³ /year (24,25,000 m ³ in 05 years)		
20. Proposed Production/year	4,85,000 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1764 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 69 labours		
27. No. Of vehicles movement/day	118 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR (Newada Road): 5.60 km (NW)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.65	
	Suppression of dust	9.48	
	Plantation	0.061	
	Others (Stored Water)	0.10	
	Total	11.29 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No 1315/Khanan/Sahayak Kau. dated 15.11.2018		
35. Details of Lease Area in approved DSR	Page No 16; Table No. 03		
36. Proposed CER cost	2% of total project cost i.e. Rs. 35,27,000/-		
37. Proposed EMP cost & Total Project Cost	Rs. 29,27,029/- & Rs. 17,63,91,000/-		
38. Length and Width of Haul Road	Unpaved Length 0.79 km and Paved Length 5.94 km and 6 m width		
39. No. of Trees to be Planted	182		

5. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
6. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
7. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.

(Signature)

8. There is no litigation pending in any court regarding this project.
9. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 16/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 24/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 4,85,000 m³/year is proposed from mining lease area 24.28 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Morram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.



E.C. for Proposed Riverbed Sand/Morrum Mining Project from Yamuna River at Khund No. 14/5 & 14/6 at Village - Bedhawal, Tehsil - Manikpur, District - Kaushambi, U.P., Lease Area - 24.28 Ha,

20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisd/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.

39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.


Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. Pakkamotorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level, Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.



E.C. for Proposed Riverbed Sand/Morrum Mining Project from Kamarna River at Khand No.-14/5 & 14/6 at Village - Dédhawal, Tehsil - Mandhansur, District - Kaushambi, U.P. Lease Area - 24.28 Ha.

16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs . 35,27,000/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 2-65/2017-IA.II dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Kaushambi, U.P.
19. Health/insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling with in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHA and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C. issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/morram from the river bank only.
34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.



35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., guthkepouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiasup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.



P.C. for Proposed Riverbed Sand/Morium Mining Project from Yamuna River at Khand No.-14/5 & 14/6 at Village - Dadhawal, Tehsil - Manhanpur, District - Kaushmbhi, U.P., Lease Area - 24.28 Ha.

54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along-with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.


(Ashish Tiwari)
Member Secretary, SEIAA

Ref. No. 516 /Parya/SEAC/4825/2018 Dated: As above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Kaushmbhi, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.


(Ashish Tiwari)
Member Secretary, SEIAA

Minutes of 328th SEAC Meeting Date 04/04/2018

19. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place, suitable measure to be taken and details to be provided to concerned Department.
 20. Width of the haul road shall be more than 6 meters.
 21. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
5. **Proposed "Sand Mining" Project in Ganga River at Gata No.- 10, Village- Gangli Masharq, Tehsil- Kaimaganj, District- Farrukhabad, U.P., L.Area 7.366 ha, Mr. Suresh Chandra Dani, File No. 4154/Proposal No. (SIA/UP/ MIN/73458/2018)**

A presentation was made by the project proponent along with their consultant M/s ENVIRO INFRA SOLUTIONS PVT. LTD. The committee discussed the matter and directed the project proponent to submit following information:

1. Production in Form-1 and LOI is mismatched.
2. Revised the mining plan and it should be submitted as per SSMMG, 2016.
3. Reanalyze the ground water parameters for calcium, magnesium, sodium, potassium and electrical conductivity and submit along with calibration graph.

The matter shall be discussed after submission of information as above.

6. **Proposed River Bed Sand/Morrum Mining from Betwa River for M/s Balaji Enterprises, located at Khand No. 23/20, Village- Bhedikharka, Tehsil- Sarila, District- Hamirpur, Lease Area 12.145 Mr. Navneet Kumar Pandey, File No. 4155/Proposal No. (SIA/UP/ MIN/22628/2018)**

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining from Betwa River at Khand No. 23/20, Village- Bhedikharka, Tehsil- Sarila, District- Hamirpur. (Lease Area 12.145 Ha).
- 2- Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/22628/2018
2. File No. allotted by SEIAA, UP	4155 /
3. Name of Proponent	Shri Navneet Kumar Pandey
4. Full correspondence address of proponent and mobile no.	M/s Balaji Enterprises Proprietor- Shri Navneet Kumar Pandey S/o Shri Vinay Kumar Pandey R/o H.No. 271, Vishwas Khand-3, Gomti Nagar,, Tehsil - Lucknow, District - Lucknow Uttar Pradesh. 226010
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 23/20
7. Name of River	Betwa
8. Name of Village	Bhedi Kharka
9. Tehsil	Sarila
10. District	Hamirpur
11. Name of Minor Mineral	Sand/Morrum

12. Sanctioned Lease Area (in ha)	12.145 ha																																	
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QCI No and period of validity.	NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.
33. Any litigation pending against the project or land in any court	None
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project falls under B1 category, hence cluster certificate is not required
35. Details of Lease Area in approved DSR	Page No 63; Table No. 20
36. Proposed CSR cost	5% of total project cost i.e. Rs.6,88,547/-
37. Proposed EMP cost & Total Project Cost	Rs. 30,17,495/- & Rs. 1,37,00,000/-
38. Length and Width of Haul Road	1000 m Length and 6 m width
39. No. of Trees to be Planted	60

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) and is in cluster situation as per EIA Notification, 2006 (as amended).

Resolution against agenda no-06

The committee discussed the matter in the light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so

- collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the predominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
 21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the project should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.

36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

4/1/2018

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vincent Khand-1, Gomti Nagar, Lucknow - 226 010

Phone: 91-522-2900 541, Fax: 91-522-2900 543

E-mail: deuplko@yahoo.com

Website: www.seiaaup.in

Approved on
www.seiaaup.in

To,

**Shri Navneet Kumar Pandey,
S/o Shri Vinay Kumar Pandey,
H.No- 271, Vishwas Khand-3,
Gomti Nagar, Lucknow.**

Ref. No. 33...../Parya/SEAC/4155/2018
Proposal no- SIA/UP/MIN/226228/2018

Date: 25 April, 2018

**Sub: Terms of reference for Proposed River Bed Sand/Morrum Mining from Betwa River at Khand No. 23/20, Village- Bhedikharka, Tehsil- Sarila, District- Hamirpur. (Lease Area 12.145 Ha).
M/s Balaji Enterprises**

Dear Sir,

Please refer to your application dated 26-03-2018 addressed to the Secretary SEAC/Director, Directorate of Environment, U.P. on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 04/04/2018.

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining from Betwa River at Khand No. 23/20, Village- Bhedikharka, Tehsil- Sarila, District- Hamirpur. (Lease Area 12.145 Ha).
- 2- Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/226228/2018
2. File No. allotted by SEIAA, UP	4155
3. Name of Proponent	Shri Navneet Kumar Pandey
4. Full correspondence address of proponent and mobile no.	M/s Balaji Enterprises Proprietor- Shri Navneet Kumar Pandey S/o Shri Vinay Kumar Pandey R/o H.No. 271, Vishwas Khand-3, Gomti Nagar,, Tehsil - Lucknow, District - Lucknow Uttar Pradesh. 226010
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 23/20
7. Name of River	Betwa
8. Name of Village	Bhedi Kharka
9. Tehsil	Sarila
10. District	Hamirpur
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	12.145 ha
13. Mineable Area (in ha)	9.645 ha
14. Zero level mRL	104 mRL
15. Max. & Min mrl within lease area	110 mRL and 104 mRL

**TOA for Proposed River Bed Sand/Morrum Mining from Betwa River at Khand No. 23/20, Village- Bhedidharka,
Tehsil- Sarila, District- Hamirpur, (Lease Area 12.245 Ha).**

16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°54'9.05"N	79°49'17.09"E
	B	25°54'10.00"N	79°49'43.54"E
	C	25°54'15.47"N	79°49'41.75"E
	D	25°54'14.45"N	79°49'17.50"E
	Workable Area		
	E	25°54'9.05"N	79°49'17.09"E
	F	25°54'9.78"N	79°49'39.23"E
	C	25°54'15.26"N	79°49'36.10"E
D	25°54'14.45"N	79°49'17.50"E	
17. Total Geological Reserves	6,07,250 m ³		
18. Total Mineable Reserves in LOI	1,94,304 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	1,94,304 m ³ /year (9,71,520 m ³ in 05 years)		
20. Proposed Production/year	1,94,304 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	706.56 m ³ /day		
23. Method of Mining	<p>Bar Scraping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using:</p> <ul style="list-style-type: none"> • Scraper/light earth movers • Chain based Bulldozer for rescue & salvage • Loader • Truck & tractors for transportation 		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	79units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR (Kadaura- Bewar) – 3.5 km* (West)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	6.0	
	Plantation	0.50	
	Others (if any)	-	
	Total	7.02 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project falls under B1 category, hence cluster certificate is not required		
35. Details of Lease Area in approved DSR	Page No 63; Table No. 20		
36. Proposed CSR cost	5% of total project cost i.e. Rs.6,88,547/-		
37. Proposed EMP cost & Total Project Cost	Rs. 30,17,495/- & Rs. 1,37,00,000/-		

TOR for Proposed River Bed Sand/Morrum Mining from Betwa River at Khand No. 23/29, Village- Bhedikharka, Tehsil- Sarila, District- Hamirpur. (Lease Area 12.145 Ha).

38. Length and Width of Haul Road	1000 m Length and 6 m width
39. No. of Trees to be Planted	5.

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
 - 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
 - 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
 - 6- There is no litigation pending in any court regarding this project.
- The project proposal falls under category-1(a) and is in cluster situation as per EIA Notification, 2006 (as amended).

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA:

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exist within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area (core zone and buffer zone (10 km radius of the periphery of the mine lease)) shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of

TOR for Proposed River Bed Sand/Morrum Mining from Batwa River at Khand No. 23/20, Village- Bhedikharka, Tehsil- Sarila, District- Hamirpur, (Lease Area 12.145 Ha).

water from the river.

17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motrable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM2.5, PM10, SOx and NOx), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10 particularly for free silica should be given.
21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
24. Details of water conservation measures proposed to be adopted in the project should be given.
25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
27. Details of first order stream, if any passing through lease area and modification/diversion proposed, if any and the impact of the same on the hydrology should be brought out.
28. Details of rainwater harvesting proposed, if any, in the project should be provided.
29. Information on reduced levels/site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.

32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
36. Occupational health impact of project should be anticipated and preventive measures intiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the slit from going into the river.
39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed in EIA reports.

TOR for Proposed River Bed Sand/Morium Mining from Betwa River at Khand No. 23/20, Village- Bhadikharka, Tehsil- Sarila, District- Hamirpur. (Lease Area 12.145 Ha).

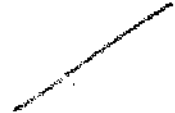
This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

No. /Parya/SEAC/4155/2018 Dated: As above

Copy with enclosure for information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate, Hamirpur.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Director, Geology and Mining, Govt. of U.P.
7. Copy to Web Master/ guard file.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

Minutes of the 202nd Meeting of the SEIAA held on 05/04/2018

annexure-2 as "If in future during the progressive mining this lease area becomes part of cluster i.e. area equal to or more than 25 ha., limited to B-1 category, then additional conditions based on the EIA conducted by the concerned lease holders shall be imposed and joint EMP shall be implemented. The lease holder shall mandatorily follow all the imposed conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per the law shall be initiated against the authority issuing the cluster certificate.

5. Proposed "Sand Mining" Project in Ganga River at Gata No.- 10, Village- Gangli Masharg, Tehsil- Kaimagan, District- Farrukhabad, U.P., L.Area 7.366 ha. Mr. Suresh Chandra Dani, File No. 4154/Proposal No. (SIA/UP/ MIN/73458/2018)

The SEIAA agreed with the recommendations of the SEAC that the project proponent is to be asked to submit information regarding the matter as suggested by the SEAC.

6. Proposed River Bed Sand/Morrum Mining from Betwa River for M/s Balaji Enterprises, located at Khand No. 23/20, Village- Bhedikharka, Tehsil- Sarlia, District- Hamirpur. Lease Area 12.145 Mr. Navneet Kumar Pandey, File No. 4155/Proposal No. (SIA/UP/ MIN/22628/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

7. Proposed River Bed Sand/Morrum Mining from Betwa River for M/s D.V. Construction located at Khand No.- 20/6, Village- Tikapur, Tehsil- Maudaha, District- Hamirpur, U.P. Leased area 24.291 ha. Smt. Suman Devi, File No. 4156/Proposal No. (SIA/UP/ MIN/22632/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

8. Proposed River Bed Sand/Morrum Mining from Betwa River for M/s Ghanaram Infraengineers Pvt. Ltd., located at Gata No.- 240, Khand No.- 5, Village- Himanpura, Tehsil- Kalpi, District: Jalaun. U.P. Lease Area 16.194 ha. Sri Bishan Singh, File No. 4157/Proposal No. (SIA/UP/ MIN/22642/2018)

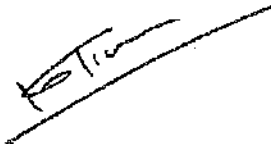
The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

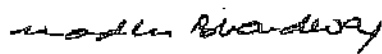
9. Proposed River Bed Sand/Morrum Mining Project from Ken river M/s Mirzapur Sand and Stone Supplier located at Khand No. 29/3, Village- Bakchha Khadar, Tehsil- Maudaha, District- Hamirpur.U.P. Lease Area 9.108 Ha. Shri Brijesh Singh, File No. 4158/Proposal No. (SIA/UP/ MIN/22651/2018)

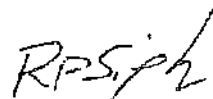
The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

10. Proposed River Bed Sand/ Morrur mining from Yamuna River for M/s Ghanaram Infraengineers Pvt. Ltd., located at Khand No. K-1 Gata No- 364MI, 366MI, 367MI, 390MI, Village- Kharka, Tehsil- Bhognipur, District: Kanpur Dehat.U.P. Lease area 16.3 ha. Sri Bishan Singh S/o Shri Ghanaram, File No. 4159/Proposal No. (SIA/UP/ MIN/22652/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.







- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 20,95,043/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

6. Sand/Moram Mining at Khand No.-23/20 Vill: Bhedikharka, Tehsil-Sarila, Distt: Hamirpur, U.P. (Leased Area 12.145 ha M/s Balaji Enterprises), File No. 4155/Proposal No.SIA/UP/MIN/22628/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Sand/Moram Mining at Khand No.-23/20 Village : Bhedikharka, Tehsil-Sarila, Distt: Hamirpur, U.P. (Leased Area 12.145 ha), M/s Balaji Enterprises.
2. The public hearing was organized on 19/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/22628/2018
2. File No. allotted by SEIAA, UP	4155
3. Name of Proponent	M/s Balaji Enterprises Proprietor- Shri Navneet Kumar Pandey

4. Full correspondence address of proponent and mobile no.	M/s Balaji Enterprises Proprietor- Shri Navneet Kumar Pandey S/o Shri Vinay Kumar Pandey R/o H.No. 271, Vishwas Khand-3, Gomti Nagar,, Tehsil - Lucknow, District - Lucknow Uttar Pradesh. 226010		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 23/20		
7. Name of River	Betwa		
8. Name of Village	Bhedi Kharka		
9. Tehsil	Sarila		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	12.145 ha		
13. Mineable Area (in ha)	9.645 ha		
14. Zero level mRL	.03 mRL		
15. Max. & Min mrl within lease area	.10 mRL and 104 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°54'9.05"N	79°49'17.09"E
	B	25°54'10.00"N	79°49'43.54"E
	C	25°54'15.47"N	79°49'41.75"E
	D	25°54'14.45"N	79°49'17.50"E
	Workable Area		
	A	25°54'9.05"N	79°49'17.09"E
	F	25°54'9.78"N	79°49'39.23"E
	E	25°54'15.26"N	79°49'36.10"E
	D	25°54'14.45"N	79°49'17.50"E
17. Total Geological Reserves	6,07,250 m ³		
18. Total Mineable Reserves in LOI	1,94,304 m ³ /year		
19. Total Proposed Production	1,94,304 m ³ /year (9,71,520 m ³ in 05 years)		
20. Proposed Production/year	1,94,304 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	706.56 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 62 labours		
27. No. Of vehicles movement/day	47 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metallled road from site	MDR (Kadoura- Bewar) – 3.5 km*(West)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.22	
	Suppression of dust	17.52	
	Plantation	0.030	
	Others (Stored Water)	0.10	
	Total	18.87 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		

33. Any litigation pending against the project or land in any court	No
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster Certificate is issued by Mines Officer, Hamirpur Letter No.1225/Khanij-MMC-30-vividh (2017-18), dated 28.02.2018.
35. Details of Lease Area in approved DSR	Page No 63; Table No. 20
36. Proposed CER cost	2% of total project cost i.e. Rs.20,51,813/-
37. Proposed EMP cost & Total Project Cost	Rs. 38,95,821/- & Rs. 10,25,90,656/-
38. Length and Width of Haul Road	Unpaved Length 1.46 km and Paved Length 6.91km and 6 m width
39. No. of Trees to be Planted	91

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The project proponent also informed that as per EIA Notification 14th September, 2006, online submission of EIA report for appraisal after public hearing is next stage in the process of grant of environmental clearance. We are unable to submit our complete EIA report which is of approx. 85 MB on the MoEF&CC portal due to restriction of 20 MB file size. Hence, they are submitting only EMP of the project, minutes of public hearing, risk assessment document which constitute the main domain of an EIA report.

RESOLUTION AGAINST AGENDA NO-06

The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled.

The recommendation of EC will be subjected to general/ specific conditions as annexed at annexure 1 & 2 to these minutes. The committee also stipulated following specific conditions:

- 1- Pakka motorable haul road to be maintained by the project proponent.
- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.

- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 20,51,813/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

7. Proposed River Bed Sand Mining Project from Betwa River for M/s Bindu and Ram Construction Company, located at Gata No.- 1396 Ga and Khand No.- 03, Village-Bhedi Khurd, Tehsil- Kalpi, District- Jalaun, U.P., Sanctioned Lease Area: 20.242 Ha. File No. 4182/Proposal No.SIA/UP/MIN/23344/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

Annexure-1

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM
MINING PROPOSALS**

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can

- form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicahle to this project.

36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.

15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

Minutes of the 240th Meeting of the SEIAA held on 06/11/2018

6. Sand/Moram Mining at Khand No.-23/20 Vill: Bhedikharka, Tehsil-Sardia, Distt: Hamirpur, U.P. (Leased Area 12.145 ha M/s Balaji Enterprises). File No. 4155/Proposal No.SIA/UP/MIN/22628/2018

The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the SEIAA meeting. However, the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018.

7. Proposed River Bed Sand Mining Project from Betwa River for M/s Bindu and Ram Construction Company, located at Gata No.- 139G Ga and Khand No.- 03, Village- Bhedi Khurd, Tehsil- Kalpi, District- Jalaun, U.P., Sanctioned Lease Area: 20.242 Ha. File No. 4182/Proposal No.SIA/UP/MIN/23344/2018

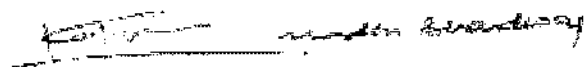
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8. Proposed River Bed Sand Mining Project from Betwa River for M/s Indus Mines and Minerals, located at Khand No.- 11/4, Village- Ramedf, Tehsil- & District- Hamirpur, U.P., Sanctioned Lease Area: 17.408 ha File No. 4140/Proposal No.SIA/UP/MIN/22486/2018

The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the SEIAA meeting. However, the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018.

9. Proposed River Bed Sand/Morram Mining Project from Betwa River for M/s Kaushaly Chaubey Contractor, located at Khand No.- 17/5, Village- Sahjana, Tehsil- & District- Hamirpur, U.P., Sanctioned Lease Area: 12.145 ha, File No. 4219/Proposal No.SIA/UP/MIN/24388/2018

The SEIAA noted that SEAC in principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the



Handwritten initials

Directorate of Environment, U.P.

Vineet Khand-I, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 941, Fax : 91-522-2300 543

E-mail : doeuplko@yahoo.com

Website : www.seiaaup.in

To,

Shri Navneet Kumar Pandey,
S/o Shri Vinay Kumar Pandey,
H.No- 271, Vishwas Khand- 3,
Gomti Nagar, Lucknow.

Ref. No. 504 /Porya/SEAC/4155/2018Date: 24 November, 2018

Sub: Environmental Clearance for Sand/Moram Mining at Khand No.-23/20 Village : Bhedikharka, Tehsil-Sarila, Distt: Hamirpur, U.P. (Leased Area 12.145 ha), M/s Balaji Enterprises.

Dear Sir,

Please refer to your application/letter dated 26-03-2018, 04-10-2018 & 15-10-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 16/10/2018 & 16/11/2018.

A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Sand/Moram Mining at Khand No.-23/20 Village : Bhedikharka, Tehsil-Sarila, Distt: Hamirpur, U.P. (Leased Area: 12.145 ha), M/s Balaji Enterprises.
2. The public hearing was organized on 19/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/22628/2018		
2. File No. allotted by SEIAA, UP	4155		
3. Name of Proponent	M/s Balaji Enterprises Proprietor- Shri Navneet Kumar Pandey		
4. Full correspondence address of proponent and mobile no.	M/s Balaji Enterprises Proprietor- Shri Navneet Kumar Pandey S/o Shri Vinay Kumar Pandey R/o H.No. 271, Vishwas Khand-3, Gomti Nagar,, Tehsil - Lucknow, District - Lucknow Uttar Pradesh. 226010		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 23/20		
7. Name of River	Betwa		
8. Name of Village	Bhed Kharka		
9. Tehsil	Sarila		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	12.145 ha		
13. Mineable Area (in ha)	9.645 ha		
14. Zero level mRL	103 mRL		
15. Max. & Min mrl within lease area	110 mRL and 104 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°54'9.05"N	79°49'17.09"E
	B	25°54'10.00"N	79°49'43.54"E

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	C	25°54'15.47"N	79°49'41.75"E
	D	25°54'14.45"N	79°49'17.50"E
	Workable Area		
	A	25°54'9.05"N	79°49'17.09"E
	F	25°54'9.78"N	79°49'39.23"E
	E	25°54'15.28"N	79°49'36.10"E
	D	25°54'14.45"N	79°49'17.50"E
17. Total Geological Reserves	6,07,250 m ³		
18. Total Mineable Reserves in LOI	1,94,304 m ³ /year		
19. Total Proposed Production	1,94,304 m ³ /year (9,71,520 m ³ in 05 years)		
20. Proposed Production/year	1,94,304 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	706.96 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 62 labours		
27. No. Of vehicles movement/day	47 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR (Kadaura-Bewar) -- 3.5 km ^W (West)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.22	
	Suppression of dust	17.52	
	Plantation	0.030	
	Others (Stored Water)	0.10	
	Total	18.87 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 007B and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster Certificate is issued by Mines Officer, Hamirpur Letter No.1225/Khanij-MMC-30-wvwdh (2017-18), dated 28.02.2018.		
35. Details of Lease Area in approved DSR	Page No 63; Table No. 20		
36. Proposed CER cost	2% of total project cost i.e. Rs.20,51,813/-		
37. Proposed EMP cost & Total Project Cost	Rs. 38,95,821/- & Rs. 10,25,90,656/-		
38. Length and Width of Haul Road	Unpaved Length 1.46 km and Paved Length 6.91km and 6 m width		
39. No. of Trees to be Planted	91		

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category -1(a) of EIA Notification, 2006 (as amended).

(Signature)

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 15/10/2018 & 16/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 23/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 1,94,304 m³/year is proposed from mining lease area 12.145 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
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19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.



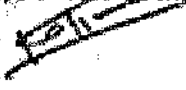
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22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParasad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.



39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied.
2. Pakka motorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.



15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scoping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 20,51,813/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
19. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling with in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHA and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.



34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., gutkha-pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.



53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along-with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.


(Ashish Tiwari)

Member Secretary, SEIAA

Ref. No. /Parya/SEAC/4155/2018 Dated: As above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.


(Ashish Tiwari)

Member Secretary, SEIAA

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9. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
10. Provision for two toilets and hand pumps should be made at mining site.
11. Drinking water for workers would be provided by tankers.
12. Mining should be done by Bar scalping or skimming methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
13. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
14. Total Project Cost has been submitted as Rs. 45 0 Lakh. A CSR plan with minimum Rs. 2.25 Lakh work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Azamgarh, U.P.
15. Detail of works under CSR which has to be executed as above is to be submitted with an affidavit to Directorate as well as to the District magistrate / Chief Development officers, Azamgarh, U.P.
16. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of Receipt shall be produced to the Directorate of Environment along with the compliance report.
17. Measure for conservation of water rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CSR.
18. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place, suitable measure to be taken and details to be provided to concerned Department.
19. Width of the haul road shall be more than 6 meter.
20. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

18. Proposed River Bed Sand/Morrum Mining Project from Betwa River for M/s Bindu and Ram Construction Company, located at Gata No.- 1396 Ga and Khand No.- 03, Village- Bhedi Khurd, Tehsil-Kalpi, District- Jalaun, Lease Area: 20.242 Ha File No. 4182/Proposal No. (SIA/UP/MIN /23344//2018

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining Project from Betwa River at Gata No.- 1396 Ga and Khand No.- 03, Village- Bhedi Khurd, Tehsil-Kalpi, District- Jalaun, U.P., Lease Area: 20.242 Ha., M/s Bindu and Ram Construction Company.

2- Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/23344/2018
2. File No. allotted by SEIAA, UP	4182
3. Name of Proponent	Shri Maheep Kumar Ojha
4. Full correspondence address of proponent and mobile no.	M/s Bindu and Ram Construction Company Shri Maheep Kumar Ojha S/o Shri Ramdeo Prasad Ojha R/o Village - Dhushah, Tehsil - Balrampur, District - Balrampur, Uttar Pradesh. 271201

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5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 1396 Ga, Khand No 3		
7. Name of River	Betwa		
8. Name of Village	Bhedi Khurd		
9. Tehsil	Kalpi		
10. District	Jalaun		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	20.242 ha		
13. Mineable Area (in ha)	20.242 ha		
14. Zero level mRL	99 mRL		
15. Max. & Min mrl within lease area	106 mRL and 99 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°53'14.25"N	79°50'59.13"E
	B	25°53'2.33"N	79°50'54.17"E
	C	25°53'5.94"N	79°50'37.59"E
	D	25°53'17.98"N	79°50'42.44"E
	E	25°53'17.79"N	79°50'43.39"E
	F	25°53'19.38"N	79°50'43.60"E
17. Total Geological Reserves	10,12,100 m ³		
18. Total Mineable Reserves in LOI	3,03,630 m ³ /year		
19. Total Proposed Production	3,03,630 m ³ /year (15,18,150 m ³ in 05 years)		
20. Proposed Production/year	3,03,630 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1104 m ³ /day		
23. Method of Mining	Open cast Manual / Semi Mechanized Mining		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	123 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR (Kadaura to Jalalpur) : 4.5 km* (SW)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	5.4	
	Plantation	0.5	
	Others (if any)	-	
	Total	6.42 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate	Project comes under B1 category, cluster Certificate is		

verified by Mining Officer	no required.
35. Details of Lease Area in approved DSR	Page No 54;
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,07,487/-
37. Proposed EMP cost & Total Project Cost	Rs. 32,09,295/- & Rs. 1,41,00,000/-
38. Length and Width of Haul Road	1000 m Length and 6 m width
39. No. of Trees to be Planted	101

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category- (a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-18

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.

19. Proposed River Bed Sand/Morrum Mining Project from Ken River for M/s Shri Vinay Kumar, located at Gata No.- 5 & 9 (Block No.- 10), Village- Bilharka, Tehsil- Naraini, District- Banda, U.P., Lease Area: 25.0 ha File No. 4188/Proposal No. (SIA/UP/MIN/23472/2018

A presentation was made by project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining Project from Ken River at Gata No.- 5 & 9 (Block No.- 10), Village- Bilharka, Tehsil- Naraini, District- Banda, U.P., Leased Area: 25.0 ha.
- 2- Salient features details of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/23472/2018
2. File No. allotted by SEIAA, UP	4188
3. Name of Proponent	Shri Vinay Kumar
4. Full correspondence address of proponent and mobile no.	Shri Vinay Kumar Proprietor- Shri Vinay Kumar S/o Shri Narsingh Singh R/o Saketpuri Road No.01, Hanuman Nagar, Sadar, Patna, Bihar.
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Part of Gata No. 5 & 9 (Block No.10)
7. Name of River	Ken River
8. Name of Village	Bilharka
9. Tehsil	Naraini
10. District	Banda
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	25.0 ha
13. Mineable Area (in ha)	25.0 ha

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so

- collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
 21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the project should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.

36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vinay Khand-1, Genti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 343

E-mail: deuuplko@yahoo.com

Website : www.seiaup.in

To,

Shri Maheep Kumar Ojha,
Owner,
Village- Dhushah, Tehsil- Balrampur,
District- Balrampur, U.P.

Ref. No. 113 /Parya/SEAC/4182/2018

Date: 25 May, 2018

Sub: Terms of reference for Proposed River Bed Sand/Morrum Mining Project from Betwa River at Gata No.- 1396 Ga and Khand No.- 03, Village- Bhedi Khurd, Tehsil-Kalpi, District- Jalaun, U.P., Lease Area: 20.242 Ha., M/s Bindu and Ram Construction Company.

Dear Sir,

Please refer to your application dated 10-04-2018 addressed to the Secretary SEAC/Director, Directorate of Environment, U.P. on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 17/04/2018 and SEIAA in its meeting dated 07/05/2018.

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining Project from Betwa River at Gata No.- 1396 Ga and Khand No.- 03, Village- Bhedi Khurd, Tehsil-Kalpi, District- Jalaun, U.P., Lease Area: 20.242 Ha., M/s Bindu and Ram Construction Company.
- 2- Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/23344/2018		
2. File No. allotted by SEIAA, UP	4182		
3. Name of Proponent	Shri Maheep Kumar Ojha		
4. Full correspondence address of proponent and mobile no.	M/s Bindu and Ram Construction Company Shri Maheep Kumar Ojha S/o Shri Ramdeo Prasad Ojha R/o Village - Dhushah, Tehsil - Balrampur, District - Balrampur, Uttar Pradesh. 271201		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 1396 Ga, Khand No 3		
7. Name of River	Betwa		
8. Name of Village	Bhedi Khurd		
9. Tehsil	Kalpi		
10. District	Jalaun		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	20.242 ha		
13. Mineable Area (in ha)	20.242 ha		
14. Zero level mRL	99 mRL		
15. Max. & Min mrl within lease area	106 mRL and 99 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		

**TDR for Proposed River Bed Sand/Morrum Mining Project from Betwa River at Gate No.- 1396 Ga and Khand No.- 03,
Village- Bhedi Khurd, Tehsil-Katol, District- Jabalpur, U.P., Lease Area: 20.242 Ha., M/s Bindu and Ram Construction
Company.**

	A	25°53'14.25"N	79°50'59.13"E
	B	25°53'2.33"N	79°50'54.17"E
	C	25°53'5.94"N	79°50'37.59"E
	D	25°53'17.98"N	79°50'42.44"E
	E	25°53'17.79"N	79°50'43.39"E
	F	25°53'19.38"N	79°50'43.60"E
17. Total Geological Reserves	10,12,100 m ³		
18. Total Mineable Reserves in LOI	3,03,630 m ³ /year		
19. Total Proposed Production	3,03,630 m ³ /year (15,18,150 m ³ in 05 years)		
20. Proposed Production/year	3,03,630 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1104 m ³ /day		
23. Method of Mining	Open cast Manual / Semi Mechanized Mining		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	123 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR (Kadavra to Jabalpur) : 4.5 km ² (SW)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	5.4	
	Plantation	0.5	
	Others (if any)	-	
	Total	6.42 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project comes under B1 category, cluster Certificate is not required.		
35. Details of Lease Area in approved DSR	Page No 54;		
36. Proposed CSR cost	5% of total project cost i.e. Rs. 7,07,487/-		
37. Proposed EMP cost & Total Project Cost	Rs. 32,09,295/- & Rs. 1,41,00,000/-		
38. Length and Width of Haul Road	1000 m Length and 6 m width		
39. No. of Trees to be Planted	101		

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2005.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.

- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA:

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006 (as amended)
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area (core zone and buffer zone (10 km radius of the periphery of the mine lease)) shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action

programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.


18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality ($PM_{2.5}$, PM_{10} , SO_2 and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the predominant downwind direction. The mineralogical composition of PM_{10} particularly for free silica should be given.
21. Air quality modelling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modelling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
24. Details of water conservation measures proposed to be adopted in the project should be given.
25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
27. Details of first order stream, if any passing through lease area and modification/diversion proposed, if any and the impact of the same on the hydrology should be brought out.
28. Details of rainwater harvesting proposed, if any, in the project should be provided.
29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
32. Impact on local transport infrastructure due to the project should be indicated. Projected

- increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should covered.
33. Details of the Infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
 36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.

**TOR for Proposed River Bed Sand/Morrum Mining Project from Gogra River at Gate No.- 1395 Ga and Khand No.- 03,
Village- Bhedi Khand, Tehsil-Kalpi, District- Jalaun, U.P., Lease Area: 20.242 Ha., M/s Bindu and Ram Construction
Company.**


48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

No. /Parva/SEAC/4182/2018 Dated: As above
Copy with enclosure for information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate, Jalaun.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Director, Geology and Mining, Govt. of U.P.
7. Copy to Web Master/ guard file.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

Minutes of the 206th Meeting of the SEIAA held on 07/05/2018

mentioned as 5.520 ha. including one more gata no- 1122. Hence, the total area and gata no. should be specified in the E.C. letter.

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC but the SEIAA replaces the specific conditions no-2 of annexure-2 as "if in future during the progressive mining this lease area becomes part of cluster i.e. area equal to or more than 25 ha., limited to B-1 category, then additional conditions based on the EIA conducted by the concerned lease holders shall be imposed and joint EMP shall be implemented. The lease holder shall mandatorily follow all the imposed conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per the law shall be initiated against the authority issuing the cluster certificate.

18. Proposed River Bed Sand/Morrum Mining Project from Betwa River for M/s Bindu and Ram Construction Company, located at Gata No.- 1396 Ga and Khand No.- 03, Village- Bhedi Khurd, Tehsil-Kalpi, District- Jalaun, Lease Area: 20.242 Ha File No. 4182/Proposal No. (SIA/UP/MIN /23344//2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

19. Proposed River Bed Sand/Morrum Mining Project from Kan River for M/s Shri Vinay Kumar, located at Gata No.- 5 & 9 (Block No.- 10), Village- Bilharka, Tehsil- Naraini, District- Banda, U.P., Lease Area: 25.0 ha File No. 4188/Proposal No. (SIA/UP/MIN /23472//2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

20. Proposed River Bed Sand/Morrum Mining Project from Betwa River for M/s Kasha Construction Company at Khand No.- 23/13, Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., Sanctioned Lease Area:12.145 ha File No. 4192/Proposal No. (SIA/UP/MIN /23553//2018

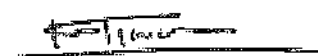
The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

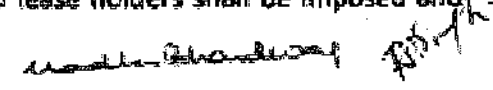
21. Sand Mining Project at Sharda River at Gata No.- 183 ha, over an area of 13.06 Ha situated in Village- Sarvashivpuri, Tehsil- Lakhimpur, District- Kheri, U.P. Sanctioned Lease Area: 13.06 ha File No. 4193/Proposal No. (SIA/UP/MIN /23755//2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

With the permission of chairman, SEIAA

The SEIAA noted that as per the decision of the joint meeting of SEIAA and SEAC held on 09-03-2018 the condition "if in future during the progressive mining this lease area becomes part of cluster i.e. area equal to or more than 25 ha., limited to B-1 category, then additional conditions based on the EIA conducted by the concerned lease holders shall be imposed and





- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
 - 9- Provide suitable mask to the workers.
 - 10- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
 - 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
 - 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
 - 13- Provision for two toilets and hand pumps should be made at mining site.
 - 14- Drinking water for workers would be provided by tankers.
 - 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
 - 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
 - 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 20,51,813/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
 - 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
 - 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
 - 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
 - 21- Width of the haul road shall be more than 6 meter.
 - 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
7. **Proposed River Bed Sand Mining Project from Betwa River for M/s Bindu and Ram Construction Company, located at Gata No.- 1396 Ga and Khand No.- 03, Village-Bhedi Khurd, Tehsil- Kalpi, District- Jalaun, U.P., Sanctioned Lease Area: 20.242 Ha. File No. 4182/Proposal No.SIA/UP/MIN/23344/2018**

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the docume its submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand Mining Project from Betwa River at Gata No.- 1396 Ga and Khand No.- 03, Village- Bhedi Khurd, Tehsil- Kalpi, District- Jalaun, U.P., (Sanctioned Lease Area: 20.242 Ha), M/s Bindu and Ram Construction Company.
2. The public hearing was organized on 19/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/23344/2018		
2. File No. allotted by SEIAA, UP	4182		
3. Name of Proponent	M/s.Bindu and Ram Construction Company/ Proprietor- Shri Maheep Kumar Ojha		
4. Full correspondence address of proponent and mobile no.	M/s Bindu and Ram Construction Company Proprietor- Shri Maheep Kumar Ojha S/o Shri Ramdeo Prasad Ojha R/o Village - Dhushah, Tehsil - Balrampur, District - Balrampur, Uttar Pradesh. 271201		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 1396 Ga, Khand No 3		
7. Name of River	Betwa		
8. Name of Village	Bhedi Khurd		
9. Tehsil	Kalpi		
10. District	Jalaun		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	0.242 ha		
13. Mineable Area (in ha)	20.242 ha		
14. Zero level mRL	98 mRL		
15. Max. & Min mrl within lease area	106 mRL and 99 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
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	C	25°53'5.94"N	79°50'37.59"E
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17. Total Geological Reserves	0,12,100 m ³		
18. Total Mineable Reserves in LOI	3,03,630 m ³ /year		
19. Total Proposed Production	3,03,630 m ³ /year (15,18,150 m ³ in 05 years)		
20. Proposed Production/year	3,03,630 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1104 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 67 labours		
27. No. Of vehicles movement/day	74 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR (Kadaura to Jalalpur) : 4.5 km* (SW)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.43	
	Suppression of dust	24.00	

	Plantation	0.051
	Others (Stored water)	0.10
	Total	25.58 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster Certificate is issued by Mines Officer, Jalaun Letter No.1049/Khanij-MMC-30, dated 19.03.2018.	
35. Details of Lease Area in approved DSR	Pag : No 54;	
36. Proposed CER cost	2% of total project cost i.e. Rs.26,82,987/-	
37. Proposed EMP cost & Total Project Cost	Rs. 48,78,039/- & Rs. 13,41,49,333/-	
38. Length and Width of Haul Road	Unpaved Length 1.2 km and Paved Length 19.26 and 6 m width	
39. No. of Trees to be Planted	151	

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The project proponent also informed that as per EIA Notification 14th September, 2006, online submission of EIA report for appraisal after public hearing is next stage in the process of grant of environmental clearance. We are unable to submit our complete EIA report which is of approx. 85 MB on the MoEF&CC portal due to restriction of 20 MB file size. Hence, they are submitting only EMP of the project, minutes of public hearing, risk assessment document which constitute the main domain of an EIA report.

RESOLUTION AGAINST AGENDA NO-07

The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled.

The recommendation of EC will be subjected to general/ specific conditions as annexed at annexure 1 & 2 to these minutes. The committee also stipulated following specific conditions:

- 1- Pakka motorable haul road to be maintained by the project proponent.
- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.

- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 26,82,987/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Jalaun, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

Annexure-1

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM
MINING PROPOSALS**

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UP/PCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can

- form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spill age of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.

36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha, then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.

15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

the titled project, SEIAA decided to go with the recommendation of SEAC along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied".

3. Proposed River Bed Sand Mining Project from Betwa River for M/s Bindu and Ram Construction Company, located at Gata No.- 1396 Ga and Khand No.- 03, Village- Bhedi Khurd, Tehsil- Kalpi, District- Jalaun, U.P., Sanctioned Lease Area: 20.242 Ha, File No. 4182/Proposal No.SIA/UP/MIN/23344/2018

The SEIAA gone through the recommendation of SEAC to grant E.C. with the general and specific conditions. The SEIAA also gone through the file and noted that the case was earlier recommended by SEAC in its meeting dated 16-10-2018 for grant of EC with the comments that-

"The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting. The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled"

The SEIAA also noted that this matter was taken in its earlier meeting dated 06-11-2018 and was referred back to SEAC since it did not find it appropriate to issue E.C. in view of the above comments. In the mean time Hon'ble NGT ordered dated 13-11-2018 in MA no.- 1622/2018 of OA no.-912/2018 that-

3-"We are of the view that this objection may be considered in the joint committee of SEIAA and SEAC in accordance with law before a decision is taken in the matter. If this objection is rejected, the reasons may be given. The applicant will be at liberty to raise this objection before the committee."

In compliance to the said order of NGT dated 13-11-2018 a joint meeting of SEAC and SEIAA was held on 14-11-2018 in which it was decided that the SEAC will again carryout appraisal of this project on the basis of individual EIA. SEAC has again carried out appraisal in its meeting dated 16-11-2018 and has recommended to grant EC with certain general and specific conditions.

The SEIAA gone through the recommendation of SEAC dated 16-11-2018 to grant EC wherein it has mentioned that the Project proponent has submitted individual EIA and also made a presentation before SEAC.

Keeping in view of the recommendation of SEAC dated 16-11-2018 again to grant EC to the titled project, SEIAA decided to go with the recommendation of SEAC along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied".







Directorate of Environment, U.P.

Vinay Khand-I, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : dneuplko@yahoo.com

Website : www.seiaup.in

To,

Shri Maheep Kumar Ojha,
S/o Ramdeo Prasad Ojha,
Owner,
Village-Dhushah, Tehsil-Balrampur,
District- Balrampur, U.P.

Ref. No. 505 /Paryo/SEAC/4182/2018Date: 24 November, 2018

Sub: Environmental Clearance for River Bed Sand Mining Project from Betwa River at Gata No.- 1396 Ga and Khand No.- 03, Village- Bhedi Khurd, Tehsil- Kalpi, District- Jalaun, U.P., (Sanctioned Lease Area: 20.242 Ha), M/s Bindu and Ram Construction Company.

Dear Sir,

Please refer to your application/letter dated 03-04-2018, 04-10-2018 & 15-10-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 16/10/2018 & 16/11/2018.

A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand Mining Project from Betwa River at Gata No.- 1396 Ga and Khand No.- 03, Village- Bhedi Khurd, Tehsil- Kalpi, District- Jalaun, U.P., (Sanctioned Lease Area: 20.242 Ha), M/s Bindu and Ram Construction Company.
2. The public hearing was organized on 19/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/23344/2018		
2. File No. allotted by SEIAA, UP	4182		
3. Name of Proponent	M/s Bindu and Ram Construction Company Proprietor- Shri Maheep Kumar Ojha		
4. Full correspondence address of proponent and mobile no.	M/s Bindu and Ram Construction Company Proprietor- Shri Maheep Kumar Ojha S/o Shri Ramdeo Prasad Ojha R/o Village - Dhushah, Tehsil - Balrampur, District - Balrampur, Uttar Pradesh. 271201		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No 1396 Ga, Khand No 3		
7. Name of River	Betwa		
8. Name of Village	Bhedi Khurd		
9. Tehsil	Kalpi		
10. District	Jalaun		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	20.242 ha		
13. Mineable Area (in ha)	20.242 ha		
14. Zero level mRL	99 mRL		
15. Max. & Min mrl within lease area	106 mRL and 99 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°53'14.25"N	79°50'59.13"E

	B	25°53'2.33"N	79°50'54.17"E
	C	25°53'5.94"N	79°50'37.59"E
	D	25°53'17.98"N	79°50'42.44"E
	E	25°53'17.79"N	79°50'43.39"E
	F	25°53'19.38"N	79°50'43.60"E
17. Total Geological Reserves	10,12,100 m ³		
18. Total Mineable Reserves in LOA	3,03,630 m ³ /year		
19. Total Proposed Production	3,03,630 m ³ /year (15,18,150 m ³ in 05 years)		
20. Proposed Production/year	3,03,630 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1104 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 67 labours		
27. No. Of vehicles movement/day	74 units		
28. Type of land	Non - Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR (Kadaura to Jalaur) ~ 4.5 km* (SW)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.43	
	Suppression of dust	24.00	
	Plantation	0.051	
	Others (Stored water)	0.10	
	Total	25.58 KLD	
32. Name of CEC Accredited Consultant with CEC No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. MABET/EIA/1720/KA-0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster Certificate is issued by Mines Officer, Jalaur Letter No. 1044/Khanij-MMC-30, dated 19.03.2018.		
35. Details of lease Area in approved DSR	Page No 54;		
36. Proposed C.E.R cost	2% of total project cost i.e. Rs.26,82,987/-		
37. Proposed EMP cost & Total Project Cost	Rs. 48,78,039/- & Rs. 13,41,49,333/-		
38. Length and Width of Haul Road	Unpaved Length 1.2 km and Paved Length 19.25 and 6 m width		
39. No. of Trees to be Planted	151		

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).


Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 16/10/2018 & 16/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 23/11/2018) has decided to grant the Environmental Clearance to the title project for

[Handwritten Signature]

collection of 3,03,630 m³/year is proposed from mining lease area 20.242 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Morani will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program mu. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.



23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParasad/Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.

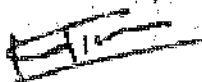
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated: 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

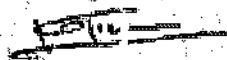
1. Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied.
2. Pakka motorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 26,82,987/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines



- provided in the recent CER notification No. 22-65/2017-IA, III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Jalaun, U.P.
19. Health/insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
 20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
 21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
 22. Width of the haul road shall be more than 6 meter.
 23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
 24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
 25. If in future this lease area becomes part of cluster of equal to or more than 25 ha, then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
 26. The Environmental clearance will be co-terminus with the mining lease period.
 27. Project falling with in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
 28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
 29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHA and should be submitted to SEIAA/SEAC, Secretariat as earliest.
 30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C. issued will stand revoked.
 31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
 32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
 33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
 34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
 35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
 36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.



37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Faecal Coliform and Total Suspended Solids (TSS)].
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.



29. Ultimate of Depth of Mining	2.0 m	
30. Nearest metalled road from site	1.68 Km	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	1.36
	Suppression of dust	9.6
	Plantation	1.67
	Others (if any)	
	Total	12.63 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.84 Period of Validity- Up to 23 July 2018	
33. Any litigation pending against the project or land in any court	No	
34. Details of 500 m Cluster Map & Certificate verified by Mining Officer	N/A	
35. Details of Lease Area in approved DSR	Given table on Page No 62 at (Sr. No 74)	
36. Proposed CSR cost	10.0 Lac	
37. Proposed EMP cost	17.0Lac	
38. Length and breadth of Haul Road	800 mtr Length & 6m width haulage road	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-17

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.

18. Proposed River Bed Sand Mining Project from Betwa River for M/s Indus Mines and Minerals located at Khand No.- 11/4, Village- Ramedi, Tehsil- Hamirpur, District- Hamirpur, U.P., Sanctioned Lease Area: 17.408 ha, Effective Working Area- 10.508 ha, File No. 4140/Proposal No. (SIA/UP/ MIN/22486/2018)

A presentation was made by project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand Mining Project from Betwa River at Khand No.- 11/4, Village- Ramedi, Tehsil- Hamirpur, District- Hamirpur, U.P., (Lease Area: 17.408 ha).
- 2- Salient features details of the project is as follows:

1. On-line proposal No.	STA/UP/MIN/22486/2018
2. File No. allotted by SEIAA, UP	4140

Minutes of 327th SEAC Meeting Date 26/03/2018

3. Name of Proponent	Shri Vikas Parmani		
4. Full correspondence address of proponent and mobile no.	M/s Indus Mines and Minerals Proprietor - Shri Vikas Parmani S/o Shri H. Parmani, E-7 HIG 441 arera colony, Huzur , R.S.Nagar, Bhopal		
5. Name of Project	Sand/morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 11/4		
7. Name of River	Betwa River		
8. Name of Village	Ramedi		
9. Tehsil	Sadar		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/morrum Mining		
12. Sanctioned Lease Area (in ha)	17.408 ha		
13. Mineable Area (in ha)	10.508 ha		
14. Zero level mRL	91 mRL		
15. Max. & Min mrl within lease area	98 mRL and 92 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°56'13.97"N	80° 9'45.81"E
	B	25°56'3.22"N	80° 9'56.33"E
	F	25°56'1.91"N	80° 9'54.79"E
	G	25°55'56.01"N	80° 9'47.94"E
	C	25°55'53.69"N	80° 9'45.23"E
	H	25°56'0.32"N	80° 9'40.90"E
	D	25°56'6.26"N	80° 9'35.65"E
	E	25°56'8.45"N	80° 9'38.51"E
	Workable Area in North		
	A	25°56'13.97"N	80° 9'45.81"E
	B	25°56'3.22"N	80° 9'56.33"E
	F	25°56'1.91"N	80° 9'54.79"E
	E	25°56'8.45"N	80° 9'38.51"E
	Workable Area in South		
G	25°55'56.01"N	80° 9'47.94"E	
C	25°55'53.69"N	80° 9'45.23"E	
H	25°56'0.32"N	80° 9'40.90"E	
17. Total Geological Reserves	6,96,320 m ³		
18. Total Mineable Reserves in LOI	2,78,502 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	2,78,502 m ³ /year (11,14,008 m ³ in 05 years)		
20. Proposed Production/year	2,78,502 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1013 m ³ /day		

23. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none"> • Scraper/light earth movers • Chain based Bulldozer for rescue & salvage • Loader • Truck & tractors for transportation 	
24. No. of working days	275 days	
25. Working hours/day	12 hours	
26. No. Of workers	Approximately 52 labours	
27. No. Of vehicles movement/day	157 units	
28. Type of Land	Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	MDR - 1.1 km*(SE)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.52
	Suppression of dust	15.0
	Plantation	0.5
	Others (if any)	-
	Total	16.02 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Since the project comes under B1 category, Cluster certificate is not required.	
35. Details of Lease Area in approved DSR	Page No 61; Table No. 20	
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,05,000/-	
37. Proposed EMP cost & Total Project Cost	Rs. 7,70,765 & Rs. 1,41,13,415/-	
38. Length and Width of Haul Road	1.5 km and 6 meters wide	
39. No. of trees to be planted	86	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-18

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.

Annexure-3

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exist within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so

- collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
 21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the project should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted.

The details of plantation already done should be given.

36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

State Level Environment Impact Assessment Authority, Uttar Pradesh

4/11/2018

RECEIVED ON
04/11/2018

Directorate of Environment, U.P.

Vineet Khand-1, Gomti Nagar, Lucknow - 226 010
Phone: 91-522-2300 541, Fax: 91-522-2300 543
E-mail: doepupko@yahoo.com
Website: www.seiaaup.in

To,

Shri Vikas Parmani,
Owner,
H.No. E-7, HIG, 441 arera Colony,
Huzur, R.S. Nagar, Bhopal,
District-Bhopal, Madhya Pradesh

Ref. No.....22...../Parya/SEAC/4140/2018

Date: 11 April, 2018

Sub: Terms of reference for Proposed River Bed Sand Mining Project from Betwa River at Khand No.- 11/4, Village- Ramedl, Tehsil- Hamirpur, District- Hamirpur, U.P., (Lease Area: 17.408 ha).

Dear Sir,

Please refer to your application dated 21-03-2018 addressed to the Secretary SEAC/Director, Directorate of Environment, U.P. on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 26-03-2018.

A presentation was made by project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand Mining Project from Betwa River at Khand No.- 11/4, Village- Ramedl, Tehsil- Hamirpur, District- Hamirpur, U.P., (Lease Area: 17.408 ha).
- 2- Salient features details of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/22486/2018		
2. File No. allotted by SEIAA, UP	4140		
3. Name of Proponent	Shri Vikas Parmani		
4. Full correspondence address of proponent and mobile no.	M/s Indus Mines and Minerals Proprietor - Shri Vikas Parmani S/o Shri H. Parmani, E-7 HIG 441 arera colony, Huzur, R.S.Nagar, Bhopal		
5. Name of Project	Sand/morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 11/4		
7. Name of River	Betwa River		
8. Name of Village	Ramedl		
9. Tehsil	Sadar		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/morrum Mining		
12. Sanctioned Lease Area (in ha)	17.408 ha		
13. Mineable Area (in ha)	10.508 ha		
14. Zero level mRL	91 mRL		
15. Max. & Min mri within lease area	98 mRL and 92 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°56'13.97"N	80° 9'45.81"E

TOB for River Bed Sand Mining Project from Betwa River at Khand No- 11/4, Village- Ramedl, Tehsil- Hamirpur, District- Hamirpur, U.P., (Lease Area: 17,408 ha).

	B	25°56'3.22"N	80° 9'56.33"E
	F	25°56'1.91"N	80° 9'54.79"E
	G	25°55'56.01"N	80° 9'47.94"E
	C	25°55'53.69"N	80° 9'45.23"E
	H	25°56'0.32"N	80° 9'40.90"E
	D	25°56'6.26"N	80° 9'35.65"E
	E	25°56'8.45"N	80° 9'38.51"E
	Workable Area in North		
	A	25°56'13.97"N	80° 9'45.81"E
	B	25°56'3.22"N	80° 9'56.33"E
	F	25°56'1.91"N	80° 9'54.79"E
	E	25°56'8.45"N	80° 9'38.51"E
	Workable Area in South		
	G	25°55'56.01"N	80° 9'47.94"E
	C	25°55'53.69"N	80° 9'45.23"E
	H	25°56'0.32"N	80° 9'40.90"E
17. Total Geological Reserves	6,96,320 m ³		
18. Total Mineable Reserves in LOI	2,78,502 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	2,78,502 m ³ /year (11,14,008 m ³ in 05 years)		
20. Proposed Production/year	2,78,502 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1013 m ³ /day		
23. Method of Mining	<p>Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using:</p> <ul style="list-style-type: none"> • Scraper/light earth movers • Chain based Bulldozer for rescue & salvage • Loader • Truck & tractors for transportation 		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	157 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR - 1.1 km [*] (SE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	15.0	
	Plantation	0.5	
	Others (if any)	-	
	Total	16.02 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		

**TOR for River Bed Sand Mining Project from Batwa River at Khand No.- 11/4, Village- Ramedi, Tehsil- Hamirpur,
District- Hamirpur, U.P., (Lease Area: 17.408 ha).**

33. Any litigation pending against the project or land in any court	None
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Since the project comes under B1 category, Cluster certificate is not required.
35. Details of Lease Area in approved DSR	Page No 61; Table No. 20
36. Proposed CSR cost	3% of total project cost i.e. Rs.7,05,000/-
37. Proposed EMP cost & Total Project Cost	Rs. 7,70,765 & Rs. 1,41,13,415/-
38. Length and Width of Haul Road	1.5 km and 6 meters wide
39. No. of trees to be planted	86

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA:

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief

TOR for River Bed Sand Mining Project from Betwa River at Khand No.- 11/4, Village- Ramed, Tehsil- Hamirpur, District- Hamirpur, U.P. (Lease Area: 17.408 ha).

Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.

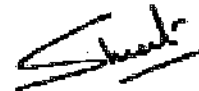
14. A detailed biological study for the study area (core zone and buffer zone (10 km radius of the periphery of the mine lease)) shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality ($PM_{2.5}$, PM_{10} , SO_2 and NO_2), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM_{10} particularly for free silica should be given.
21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
24. Details of water conservation measures proposed to be adopted in the project should be given.
25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be

- obtained and copy furnished.
27. Details of first order stream, if any passing through lease area and modification/diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels/site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
 36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.

**TOR for River Bed Sand Mining Project from Betwa River at Khand No.- 11/4, Village- Ramedi, Tehsil- Hamirpur,
District- Hamirpur, U.P., (Lease Area: 17.488 ha).**

43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed in EIA reports.


This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

No /Parva/SEAC/4140/2018 Dated: As above

Copy with enclosure for information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate, Hamirpur.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Director, Geology and Mining, Govt. of U.P.
7. Copy to Web Master/ guard file.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

- 14. Sand Mining at Bagen River bed, Gata No.-42/3, 97, 80 kh. 320 & 2267 over an Area of 12.005 Ha Situated in Village- Garhi Ghat, Tehsil- Karwi, District-Chitrakoot, U.P., (Leased Area: 12.005 Ha) Shri Himanshu Agrahari File No. 4147/Proposal No. (SIA/UP/ MIN/73625/2018)**

The SEIAA noted that the revised cluster certificate letter no- memo-613/cluster/garhi ghat dated 26-03-2018 issued by mining officer Chitrakoot has been submitted. Hence, SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC but the SEIAA replaces the specific conditions no-2 of annexure-2 as "If in future during the progressive mining this lease area becomes part of cluster i.e. area equal to or more than 25 ha., limited to B-1 category, then additional conditions based on the EIA conducted by the concerned lease holders shall be imposed and joint EMP shall be implemented. The lease holder shall mandatorily follow all the imposed conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per the law shall be initiated against the authority issuing the cluster certificate.

- 15. Area- 40.0 Acre (16.194 ha) for River Sand/Morrum Mining at Khand No.-04, Gata No.- 2558, 2563, Khand No.-04, Village- Bandhali, Tehsil- Urai, District- Jalaun, U.P., (Leased Area-16.194 Ha) M/s Khajurehp Motors Pvt.Ltd, File No. 4190/Proposal No. (SIA/UP/ MIN/22333/2018)**

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

- 16. " Sand/Morrum Mining" at Yamuna Bed River, Gata No.-108 to 120, 124 to 133 & 153 & 162, Area - 35.63 Ha (86.00 Acres) Village- Oti, Tehsil- Fatehpur, District- Fatehpur, U.P., (Leased Area-35.63 Ha) M/s Bansidhar Construction Pvt. Ltd., File No. 4131/Proposal No. (SIA/UP/ MIN/22341/2018)**

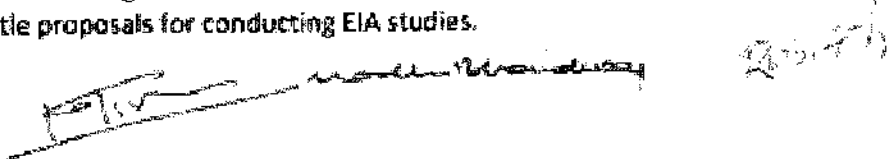
The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

- 17. River Sand/Morrum Mining Project at Gata No./Zone No./Khand No.- 10/21, Village- Beri, Tehsil & District- Hamirpur, U.P., (Leased Area 31.578 Ha)M/s Light House Construction Pvt. Ltd., File No. 4135/Proposal No. (SIA/UP/ MIN/22407/2018)**

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

- 18. Proposed River Bed Sand Mining Project from Betwa River for M/s Indus Mines and Minerals located at Khand No.- 11/4, Village- Ramed, Tehsil- Hamirpur, District- Hamirpur, U.P., Sanctioned Lease Area: 17.408 ha, Effective Working Area- 10.508 ha, File No. 4140/Proposal No. (SIA/UP/ MIN/22486/2018)**

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.



8. Proposed River Bed Sand Mining Project from Betwa River for M/s Indus Mines and Minerals, located at Khand No.- 11/4, Village- Ramed, Tehsil- & District- Hamirpur, U.P., Sanctioned Lease Area: 17.408 ha File No. 4140/Proposal No.SIA/UP/MIN/22486/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand Mining Project from Betwa River at Khand No.- 11/4, Village- Ramed, Tehsil- & District- Hamirpur, U.P., (Sanctioned Lease Area: 17.408 ha), M/s Indus Mines and Minerals.
2. The public hearing was organized on 18/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/22486/2018		
2. File No. allotted by SEIAA, UP	4140		
3. Name of Proponent	M/s Indus Mines and Minerals Proprietor - Shri Vikas Parmani		
4. Full correspondence address of proponent and mobile no.	M/s Indus Mines and Minerals Proprietor - Shri Vikas Parmani S/o Shri H. Parmani, H.No.E-7 HIG 441 arera colony, Huzur , R.S.Nagar, Bhopal,M.P		
5. Name of Project	Sand/morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 11/4		
7. Name of River	Betwa River		
8. Name of Village	Ramed		
9. Tehsil	Sadar		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/morrum Mining		
12. Sanctioned Lease Area (in ha)	17.408 ha		
13. Mineable Area (in ha)	10.508 ha		
14. Zero level mRL	91 mRL		
15. Max. & Min mrl within lease area	98 mRL and 92 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°56'13.97"N	80° 9'45.81"E
	B	25°56'3.22"N	80° 9'56.33"E
	F	25°56'1.91"N	80° 9'54.79"E
	G	25°55'56.01"N	80° 9'47.94"E
	C	25°55'53.69"N	80° 9'45.23"E
	H	25°56'0.32"N	80° 9'40.90"E
	D	25°56'6.26"N	80° 9'35.65"E
	E	25°56'8.45"N	80° 9'38.51"E
	Workable Area in North		
	A	25°56'13.97"N	80° 9'45.81"E
	B	25°56'3.22"N	80° 9'56.33"E
	F	25°56'1.91"N	80° 9'54.79"E
	E	25°56'8.45"N	80° 9'38.51"E
	Workable Area in South		
	G	25°55'56.01"N	80° 9'47.94"E
	C	25°55'53.69"N	80° 9'45.23"E
	H	25°56'0.32"N	80° 9'40.90"E
	Non Workable Area		
	D	25°56'6.26"N	80° 9'35.65"E

	E	25°56'8.45"N	80° 9'38.51"E
	F	25°56'1.91"N	80° 9'54.79"E
	G	25°55'56.01"N	80° 9'47.94"E
	H	25°56'0.32"N	80° 9'40.90"E
17. Total Geological Reserves	6,96,320 m ³		
18. Total Mineable Reserves in LOI	2,78,502 m ³ /year		
19. Total Proposed Production	2,78,502 m ³ /year (13,92,510 m ³ in 05 years)		
20. Proposed Production/year	2,78,502 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1013 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 65 labours		
27. No. Of vehicles movement/day	68 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR(Kuchhechha – Dallar Road) - 1.1 km*(SE)		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		1.37
	Suppression of dust		27.36
	Plantation		0.044
	Others (Stored water)		0.10
	Total		28.87 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer			
35. Details of Lease Area in approved DSR	Page No 61; Table No. 20		
36. Proposed CBR cost	2% of total project cost i.e. Rs.25,87,623/-		
37. Proposed EMP cost & Total Project Cost	Rs. 53,08,112 & Rs. 12,93,81,130/-		
38. Length and Width of Haul Road	Unpaved Length 1.71 km and Paved Length 4.62 km and 6 meters wide		
39. No. of trees to be planted	130		

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The project proponent also informed that as per EIA Notification 14th September, 2006, online submission of EIA report for appraisal after public hearing is next stage in the process of grant of environmental clearance. We are unable to submit our complete EIA report which is of approx. 85 MB on the MoEF&CC portal due to restriction of 20 MB file size. Hence, they are submitting only EMP of the project, minutes of public hearing, risk assessment document which constitute the main domain of an EIA report.

RESOLUTION AGAINST AGENDA NO-08

The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled.

The recommendation of EC will be subjected to general/ specific conditions as annexed at annexure 1 & 2 to these minutes. The committee also stipulated following specific conditions:

- 1- Pakka motorable haul road to be maintained by the project proponent.
- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 25,87,623/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.

- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

9. Proposed River Bed Sand/Morrum Mining Project from Betwa River for M/s Kaushaly Chaubey Contractor, located at Khand No.- 17/5, Village- Sahjana, Tehsil- & District- Hamirpur, U.P., Sanctioned Lease Area: 12.145 ha, File No. 4219/Proposal No.SIA/UP/MIN/24388/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand/Morrum Mining Project from Betwa River at Khand No.- 17/5, Village- Sahjana, Tehsil- & District- Hamirpur, U.P., (Sanctioned Lease Area: 12.145 ha), M/s Kaushaly Chaubey Contractor.
2. The public hearing was organized on 18/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/24388/2018		
2. File No. allotted by SEIAA, UP	4219		
3. Name of Proponent	Smt. Kaushilya Chobey Contractor Proprietor- Smt. Kaushalya Chaubey		
4. Full correspondence address of proponent and mobile no.	Smt. Kaushalya Chaubey Contractor Proprietor- Smt. Kaushalya Chaubey W/o Brajesh Kumar R/o Village - Tauriyapura, Tehsil - Kulpahar, District - Mahoba, Uttar Pradesh.		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 17/5		
7. Name of River	Betwa		
8. Name of Village	Sahjana		
9. Tehsil	Sadar		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	12.145 ha		
13. Mineable Area (in ha)	8.045 ha		
14. Zero level mRL	90 mRL		
15. Max. & Min mrl within lease area	101 mRL and 91 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°57'9.12"N	80° 6'57.02"E
	B	25°57'11.12"N	80° 7'3.14"E

Annexure-1

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM
MINING PROPOSALS**

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can

- form a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/impovement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.

36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for mid-term review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.

15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

4. Proposed River Bed Sand Mining Project from Betwa River for M/s Indus Mines and Minerals, located at Khand No.- 11/4, Village- Ramedji, Tehsil- & District- Hamirpur, U.P., Sanctioned Lease Area: 17.408 ha File No. 4140/Proposal No.SIA/UP/MIN/22486/2018

The SEIAA gone through the recommendation of SEAC to grant E.C. with the general and specific conditions. The SEIAA also gone through the file and noted that the case was earlier recommended by SEAC in its meeting dated 16-10-2018 for grant of EC with the comments that-

"The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting. The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled"

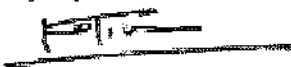
The SEIAA also noted that this matter was taken in its earlier meeting dated 06-11-2018 and was referred back to SEAC since it did not find it appropriate to issue E.C. in view of the above comments. In the mean time Hon'ble NGT ordered dated 13-11-2018 in MA no.- 1622/2018 of OA no.-912/2018 that-

3-"We are of the view that this objection may be considered in the joint committee of SEIAA and SEAC in accordance with law before a decision is taken in the matter. If this objection is rejected, the reasons may be given. The applicant will be at liberty to raise this objection before the committee."


In compliance to the said order of NGT dated 13-11-2018 a joint meeting of SEAC and SEIAA was held on 14-11-2018 in which it was decided that the SEAC will again carryout appraisal of this project on the basis of individual EIA. SEAC has again carried out appraisal in its meeting dated 16-11-2018 and has recommended to grant EC with certain general and specific conditions.

The SEIAA gone through the recommendation of SEAC dated 16-11-2018 to grant EC wherein it has mentioned that the Project proponent has submitted individual EIA and also made a presentation before SEAC.

Keeping in view of the recommendation of SEAC dated 16-11-2018 again to grant EC to the titled project, SEIAA decided to go with the recommendation of SEAC along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied".







Directorate of Environment, U.P.

Vincent Khand- I, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : doruplks@yahoo.com

Website : www.seiaaup.in

To,

Shri Vikas Parmani,
S/o Shri H. Parmani,
Owner,
H.No. E-7, HIG-441, Arera Colony Huzur,
R.S. Nagar, Bhopal, District-Bhopal, M.P.

Ref. No. 502 /Parya/SEAC/4140/2018Date: 24 November, 2018

Sub: Environmental Clearance for River Bed Sand Mining Project from Betwa River at Khand No.- 11/4, Village- Ramedl, Tehsil- & District- Hamirpur, U.P., (Sanctioned Lease Area: 17.408 ha), M/s Indus Mines and Minerals.

Dear Sir,

Please refer to your application/letter dated 19-03-2018, 04/10/2018 & 15-10-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 16/10/2018 & 16-11-2018.

A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand Mining Project from Betwa River at Khand No.- 11/4, Village- Ramedl, Tehsil- & District- Hamirpur, U.P., (Sanctioned Lease Area: 17.408 ha), M/s Indus Mines and Minerals.
2. The public hearing was organized on 18/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/22486/2018		
2. File No. allotted by SEIAA, UP	4140		
3. Name of Proponent	M/s Indus Mines and Minerals Proprietor - Shri Vikas Parmani		
4. Full correspondence address of proponent and mobile no.	M/s Indus Mines and Minerals Proprietor - Shri Vikas Parmani S/o Shri H. Parmani, H.No.E-7 HIG 441 arera colony, Huzur , R.S.Nagar, Bhopal,M.P		
5. Name of Project	Sand/morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No 11/4		
7. Name of River	Betwa River		
8. Name of Village	Ramedl		
9. Tehsil	Sadar		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/morrum Mining		
12. Sanctioned Lease Area (in ha)	17.408 ha		
13. Mineable Area (in ha)	10.508 ha		
14. Zero level mRL	91 mRL		
15. Max. & Min. mrl within lease area	98 mRL and 92 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°56'13.97"N	80° 9'45.81"E
	B	25°56'3.22"N	80° 9'56.33"E

	F	25°56'1.91"N	80°9'54.79"E
	G	25°55'56.01"N	80°9'47.94"E
	C	25°55'53.69"N	80°9'45.23"E
	H	25°56'0.32"N	80°9'40.90"E
	D	25°56'6.26"N	80°9'35.65"E
	E	25°56'8.45"N	80°9'38.51"E
	Workable Area in North		
	A	25°56'13.97"N	80°9'45.81"E
	B	25°56'3.22"N	80°9'56.33"E
	F	25°56'1.91"N	80°9'54.79"E
	E	25°56'8.45"N	80°9'38.51"E
	Workable Area in South		
	G	25°55'56.01"N	80°9'47.94"E
	C	25°55'53.69"N	80°9'45.23"E
	H	25°56'0.32"N	80°9'40.90"E
	Non Workable Area		
	D	25°56'6.26"N	80°9'35.65"E
	E	25°56'8.45"N	80°9'38.51"E
	F	25°56'1.91"N	80°9'54.79"E
	G	25°55'56.01"N	80°9'47.94"E
	H	25°56'0.32"N	80°9'40.90"E
17. Total Geological Reserves	6,96,320 m ³		
18. Total Mineable Reserves in LOI	2,78,502 m ³ /year		
19. Total Proposed Production	2,78,502 m ³ /year (13,92,510 m ³ in 05 years)		
20. Proposed Production/year	2,78,502 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1013 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 65 labours		
27. No. Of vehicles movement/day	68 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR(Kuchhechha - Dallar Road) - 1.1 km ² (SE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.37	
	Suppression of dust	27.36	
	Plantation	0.044	
	Others (Stored water)	0.10	
	Total	28.87 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer			
35. Details of Lease Area in approved DSR	Page No 61; Table No. 20		
36. Proposed CER cost	2% of total project cost i.e. Rs.25,87,623/-		
37. Proposed EMP cost & Total Project Cost	Rs. 53,08,112 & Rs. 12,93,61,130/-		
38. Length and Width of Haul Road	Unpaved Length 1.71 km and Paved Length 4.62 km and 6 meters wide		
39. No. of trees to be planted	130		

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

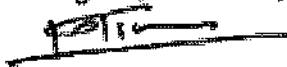
Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 16/10/2018 & 16/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 23/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 2,78,502 m³/year is proposed from mining lease area 17.408 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating



- projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParasrad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA,III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
 36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.



37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied.
2. Pakkamotorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.



(Sanctioned Lease Area: 17.400 ha), M/s Indus Mines and Minerals.

13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 25,87,623/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
19. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling within in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHA and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.



33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Collform and Total Suspended Solids (TSS))].
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., guttha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPCCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.



52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along-with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.


(Ashish Tiwari)
Member Secretary, SEIAA

Ref. No. /Paryb/SEAC/4140/2018 Dated: As above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.


(Ashish Tiwari)
Member Secretary, SEIAA

Minutes of 320th SEAC Meeting Date 22/02/2018

45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

14. Proposed river bed Sand/ Morrum Mining from Yamuna River for M/s Eureka Mines and Minerals LLP located at Gata No.-1598 Cha, Village- Samuhi, Tehsil- Ghatampur, District- Kanpur Nagar, (Leased Area-27.5 Hac.) File No. 4050/Proposal No. (SIA/UP/MIN/21868/2018)

A presentation was made by Shri Dheeraj Agarwal , representative of project proponent along with their consultant M/s ENV DAS India Pvt. Ltd., Lucknow . The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Sand/Moram mining from Yamuna River for M/s Eureka Mines and minerals LLP, at Gata no- 1598cha, Village- Samuhi, Tehsil- Ghatampur, District- Kanpur Nagar, U.P. Area- 27.5 ha.
- 2- Project Details-

NAME OF MINERAL	Sand
NAME OF RIVER	Yamuna River
NEAREST VILLAGE	Samuhi
TEHSIL	Ghatampur
DISTRICT	Kanpur Nagar
STATE	Uttar Pradesh
LEASE AREA	Sanctioned Lease Area as per LOI: 27.5 ha (67.95 acre) Effective working Area- 24 ha (59.3 acre)
MAX. & MIN MRL WITHIN LEASE AREA	100 mRL & 90 mRL
LATITUDE	25°55'35.09"N to 25°55'19.55"N
LONGITUDE	80°12'48.92"E to 80°13'9.17"E
ML AREA	24 ha
TOTAL GEOLOGICAL RESERVE	13,75,000 m ³ /annum
TOTAL MINEABLE RESERVE	7,20,000m ³ /annum
Production capacity as per Mine Plan approved on 23.01.2018	5,50,000m ³ /annum (27,50,000m ³ in 05 years)
Production capacity as per Letter of Intent Dated 12.12.2017	5,50,000m ³ /annum
Production capacity as per Form-1, PFR &	5,50,000m ³ /annum (27,50,000m ³ in 05 years)

EMP and presentation submitted to SEAC UP		
LIFE OF MINE	05 years	
TYPE OF LAND	Non- agricultural land	
METHOD OF MINING	Bar Scalping or Skimming method (OTFM (Other than fully mechanized) as per IBM & SSMG, 2016) using: <ul style="list-style-type: none"> • Scraper/light earth movers • Loader • truck & tractors for transportation • Chained bulldozer for rescue and salvage. 	
ULTIMATE DEPTH OF MINING	3 m	
WATER REQUIREMENT	PURPOSE	REQUIREMENT (KLD)
	DRINKING & OTHERS	0.52
	SUPPRESSION OF DUST	10.08
	PLANTATION	0.06
	TOTAL	10.66
PROPOSED PRODUCTION/YEAR	5,50,000 cum/annum(27,50,000m ³ in 05 years)	
NO. OF WORKING DAYS	275	
PER DAY PRODUCTION FROM MINE	2000 m ³ /day	
WORKING HOURS PER DAY	12	
NO. OF WORKERS	Approximately 52 Labours	
NO. OF TRUCKS MOVEMENT/ DAY	222	
NEAREST METALLED ROAD FROM SITE	MDR(Bagariya- Amauli)-3.30 km* (North)	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-14

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA:

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.

6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the pre-

- dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the project should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.

35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand-1, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541. Fax : 91-522-2300 543

E-mail : doepulko@yahoo.com

Website : www.seiaup.in



To,

**Shri Chandrashekhar Chaurasia,
S/o Shri Deen Dayal Chaurasia,
Partner,
28, Brahmपुरi Colony, Near Jugauli Crossing,
Falzabad Road, Lucknow, U.P.- 226006**

Ref. No. 10...../Parya/SEAC/4050/2018

Date: 11/04 March, 2018

Sub: Terms of reference for proposed river bed Sand/ Morrum Mining from Yamuna River at Gata No.-1598 Cha, Village- Samuhi, Tehsil- Ghatampur, District- Kanpur Nagar, (Leased Area-27.5 Hac.), M/s Eureka Mines and Minerals LLP.

Dear Sir,

Please refer to your application dated 25-01-2018 received in this office on dated 07/02/2018 addressed to the Secretary SEAC/Director, Directorate of Environment, U.P. on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 22-02-2018.

A presentation was made by Shri Dheeraj Agarwal, representative of project proponent along with their consultant M/s ENV DAS India Pvt. Ltd., Lucknow . The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Sand/Moram mining from Yamuna River for M/s Eureka Mines and minerals LLP, at Gata no- 1598cha, Village- Samuhi, Tehsil- Ghatampur, District- Kanpur Nagar, U.P. Area- 27.5 ha.

2- Project Details-

NAME OF MINERAL	Sand
NAME OF RIVER	Yamuna River
NEAREST VILLAGE	Samuhi
TEHSIL	Ghatampur
DISTRICT	Kanpur Nagar
STATE	Uttar Pradesh
LEASE AREA	Sanctioned Lease Area as per LOI: 27.5 ha (67.95 acre) Effective working Area- 24 ha (59.3 acre)
MAX. & MIN MRL WITHIN LEASE AREA	100 mRL & 90 mRL
LATITUDE	25°55'35.09"N to 25°55'19.55"N
LONGITUDE	80°12'48.92"E to 80°13'9.17"E
ML AREA	24 ha
TOTAL GEOLOGICAL RESERVE	13,75,000 m ³ /annum
TOTAL MINEABLE RESERVE	7,20,000m ³ /annum
Production capacity as per Mine Plan approved on 23.01.2018	5,50,000m ³ /annum (27,50,000m ³ in 05 years)

TOR for proposed river bed Sand/ Morrum Mining from Yamuna River at Gata No.-1598 Cha, Village-Samahi, Tehsil- Ghatampur, District- Kanpur Nagar, (Leased Area-27.5 Hac.), M/s Eureka Mines and Minerals LLP.

Production capacity as per Letter of Intent Dated 12.12.2017	5,50,000m ³ /annum	
Production capacity as per Form-1, PFR & EMP and presentation submitted to SEAC UP	5,50,000m ³ /annum (27,50,000m ³ in 05 years)	
LIFE OF MINE	05 years	
TYPE OF LAND	Non- agricultural land	
METHOD OF MINING	Bar Scalping or Skimming method (OTFM (Other than fully mechanized) as per IBM & SSMG, 2016) using: <ul style="list-style-type: none"> • Scraper/light earth movers • Loader • truck & tractors for transportation • Chained bulldozer for rescue and salvage. 	
ULTIMATE DEPTH OF MINING	3 m	
WATER REQUIREMENT	PURPOSE	REQUIREMENT (KLD)
	DRINKING & OTHERS	0.52
	SUPPRESSION OF DUST	10.08
	PLANTATION	0.06
	TOTAL	10.66
PROPOSED PRODUCTION/YEAR	5,50,000 cum/annum(27,50,000m ³ in 05 years)	
NO. OF WORKING DAYS	275	
PER DAY PRODUCTION FROM MINE	2000 m ³ /day	
WORKING HOURS PER DAY	12	
NO. OF WORKERS	Approximately 52 Labours	
NO. OF TRUCKS MOVEMENT/ DAY	222	
NEAREST METALLED ROAD FROM SITE	MDR(Bagariya- Amauli)-3.30 km* (North)	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA:

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.

**TDR for proposed river bed Sand/ Morrum Mining from Yamuna River at Gata No.-1598 Cha. Village-
Samuhi, Tehsil- Ghatampur, District- Kanpur Nagar, (Leased Area-27.5 Hac.), M/s Eureka
Mines and Minerals LLP.**

3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality ($PM_{2.5}$, PM_{10} , SO_2 and NO_2), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific

**TOR for proposed river bed Sand/ Mineral Mining from Yamuna River at Gata No.-1598 Cha, Village-
Samuhi, Tehsil- Ghatampur, District- Kanpur Nagar, (Leased Area-27.5 Hac.), M/s Eureka
Mines and Minerals LLP.**

- meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
 21. Air quality modelling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the project should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 27. Details of first order stream, if any passing through lease area and modification/diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably or currently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.

**TOR for proposed river bed Sand/ Mornum Mining from Yamuna River at Gata No.-1598 Cha, Village-
Samuhi, Tehsil- Ghatampur, District- Kanpur Nagar, (Leased Area-27.5 Hac.), M/s Eureka
Mines and Minerals LLP.**

33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed in EIA reports.

Minutes of the 193rd Meeting of the SEIAA held on 26/02/2018

reflected in each E.C. in that cluster and SEAC shall ensure that the mitigative majors emanating from the Environment Impact Assessment (EIA) study are fully reflected as environmental clearance conditions. In the present case the SEAC has not ascertained whether cluster situation has arisen or not. So it becomes necessary on the basis of the standard procedure laid down in EIA notification that SEAC must ascertain whether cluster is formed and EIA is necessary or not. Hence, the project is referred back to SEAC.

12. Sand/ Morrum from river bed of Yamuna, at Zone No./ Gata No./ Khand No.-15/43 and 15/44, Area 24.28 Ha(60.00 Acres), at Village- Mahewa, Tehsil- Manjhanpur, District- Kaushambi, U.P., (Leased Area-24.28)M/s Rajesh Enterprises, File No. 4041/Proposal No. (SIA/UP/MIN/72558/2018)

The SEIAA noted that a letter has been addressed to Chairman, SEIAA date 26/02/2018 regarding input of some project related information by the project proponent in which the project proponent has requested to defer the case until the request is made in this regard. In the view of the above the SEIAA deferred the case.

13. Mining of "Sand" (Minor Mineral), M.L. Area- 44.064 Ha, at Gata No.- 108/1, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, at Village- Nai Nagla, Manglaura Jadid, Tehsil- Uun (Kairana), District-Shamli, U.P.(Leased Area-44.064 Hac.) Shri Jagjeet Sen File No. 4049/Proposal No. (SIA/UP/MIN/21803/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

14. Proposed river bed Sand/ Morrum Mining from Yamuna River for M/s Eureka Mines and Minerals LLP located at Gata No.-1598 Cha, Village- Samuhl, Tehsil- Ghatampur, District- Kanpur Nagar, (Leased Area-27.5 Hac.) File No. . 4050/Proposal No. (SIA/UP/MIN/21868/2018)

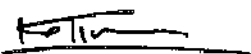
The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

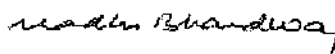
15. Proposed River Bed Sand Mining from Yamuna River for M/s Kunwar Infradevelopers Pvt. Ltd. located at Khand No.-16/20 to 16/22, Village- Jamunapur, Tehsil-Manjhanpur, District-Kaushambi, U.P., (Leased Area-36.28 Ha) File No. 4061/Proposal No. (SIA/UP/MIN/21879/2018)

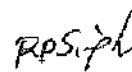
The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

16. Proposed 'River Bed Ordinary Sand Mining at River Jauraha' Project at Gata No.- 947, Village-Maniha, Tehsil- Nighasan, District- Kheri, U.P.(Leased Area-11.809 hac.) Shri Harprit Singh Dhaliwal File No. 3975/Propose! No. (SIA/UP/MIN/72201/2018)

The SEIAA agreed with the recommendations of the SEAC that the project proponent is to be asked to submit information regarding the matter as suggested by the SEAC.







submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Banda, U.P.

- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

13. River Bed Sand Mining Project from Yamuna River of M/s Eureka Mines and Minerals LLP located at Gata No.-1598 Cha, Village- Samuhi, Tehsil- Ghatampur, District- Kanpur Nagar, (L A-27.5 Ha) File No. 4050/Proposal No. SIA/UP/MIN/21868/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for river Bed Sand Mining Project from Yamuna River at Gata No.-1598 Cha, Village- Samuhi, Tehsil- Ghatampur, District- Kanpur Nagar, (Leased Area- 27.5 Ha), M/s Eureka Mines and Minerals LLP.
2. Terms of reference in the matter were issued through SEIAA letter dated 11/04/2018.
3. The public hearing was organized on 10/10/2018.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/21868/2018
2. File No. allotted by SEIAA, UP	4050
3. Name of Proponent	M/s Eureka Mines and Minerals LLP Proprietor- Shri Chandershekhar Chaurasia
4. Full correspondence address of proponent and mobile no.	M/s Eureka Mines and Minerals LLP Proprietor- Shri Chandershekhar Chaurasia S/o Shri Deen Dayal Chaurasia, R/o H.No. 28, Brahmipuri Colony, Near Jugauli Crossing, Faizabad Road, District Lucknow, Uttar Pradesh.
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Gata No. 1598 cha
7. Name of River	Yamuna
8. Name of Village	Samuhi
9. Tehsil	Ghatampur
10. District	Kanpur Naga
11. Name of Minor Mineral	Sand/Morrum

Minutes of 372nd SEAC Meeting Dated 16/11/2018

12. Sanctioned Lease Area (in ha)	27.5 ha																																																																		
13. Mineable Area (in ha)	24.0 ha																																																																		
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17. Total Geological Reserves	13,75,000 m ³																																																																		
18. Total Mineable Reserves in LOI	5,50,000 m ³ /year																																																																		
19. Total Proposed Production	5,50,000 m ³ /year (27,50,000 m ³ in 05 years)																																																																		
20. Proposed Production/year	5,50,000 m ³																																																																		
21. Sanctioned Period of Mine lease	5 years																																																																		
22. Production of mine/day	2000 m ³ /day																																																																		
23. Method of Mining	Opencast Semi-mechanized																																																																		
24. No. of working days	275 days																																																																		
25. Working hours/day	12 hours																																																																		
26. No. Of workers	Approximately 72 labours																																																																		
27. No. Of vehicles movement/day	133 units																																																																		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)																																																																		
29. Ultimate Depth of Mining	3 m																																																																		
30. Nearest metalled road from site	MDR(Bagariya- Amauli)- 3.30 km*(North)																																																																		
31. Water Requirement	<table border="1"> <thead> <tr> <th>PURPOSE</th> <th>REQUIREMENT (KLD)</th> </tr> </thead> <tbody> <tr> <td>Drinking</td> <td>1.75</td> </tr> <tr> <td>Suppression of dust</td> <td>9.36</td> </tr> <tr> <td>Plantation</td> <td>0.069</td> </tr> <tr> <td>Others (Stored water)</td> <td>0.10</td> </tr> <tr> <td>Total</td> <td>11.28 KLD</td> </tr> </tbody> </table>	PURPOSE	REQUIREMENT (KLD)	Drinking	1.75	Suppression of dust	9.36	Plantation	0.069	Others (Stored water)	0.10	Total	11.28 KLD																																																						
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32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.																																																																		
33. Any litigation pending against the project or land in any court	None																																																																		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster Certificate is issued by Mines Officer, Kanpur Nagar Letter No. 953/Tees-UP-Khanij/2018, Kanpur Nagar dated 01.11.2018.																																																																		
35. Details of Lease Area in approved	Page No 10; Table No. NIL																																																																		

DSR	
Proposed CER cost	2% of total project cost i.e. Rs 38,00,000/-
Proposed EMP cost & Total Project Cost	Rs. 29,46,805/- & Rs. 19,00,15,000/-
Length and Width of Haul Road	Unpaved Length 0.78 km and Paved Length 3.55 km and 6 m width
No. of Trees to be Planted	206

5. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
6. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
7. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
8. There is no litigation pending in any court regarding this project.
9. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-13

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 1 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:

- 1- Pakkamotorable haul road to be maintained by the project proponent.
- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.

- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 38,00,000/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Kanpur Nagar, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

14. Proposed River Bed Sand Mining Project from Yamuna River for M/s Ghanarm Infraengineers Pvt. Ltd. located at Khand No.- SG- 01, Gata No.- 191, 272, 378, 379, 380, 293/2, Village- Sangolipur Garha, Tehsil- Khanga, District- Fatehpur, U.P., Sanctioned Lease Area: 31.57 ha (78.0 acre). File No. 4169/Proposal No. SIA/UP/MIN/22751/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for proposed River Bed Sand Mining Project from Yamuna River at Khand No.- SG- 01, Gata No.- 191, 272, 378, 379, 380, 293/2, Village- Sangolipur Garha, Tehsil- Khanga, District- Fatehpur, U.P., (Sanctioned Lease Area: 31.57 ha), M/s Ghanarm Infraengineers Pvt. Ltd.
2. Terms of reference in the matter were issued through SEIAA letter dated 25/04/2018.
3. The public hearing was organized on 26/09/2018.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/22751/2018
2. File No. allotted by SEIAA, UP	4169
3. Name of Proponent	M/s Ghanaram Infraengineers Private Limited Proprietor- Shri Bishan Singh
4. Full correspondence address of proponent and mobile no.	M/s Ghanaram Infraengineers Private Limited Proprietor- Shri Bishan Singh S/o Ghanaram R/o 650, C.I.C. Campus Jhokan Bagh, Jhansi, Uttar Pradesh. 284001
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. SG-01, Gata No.- 191, 272, 378, 379, 380, 293/2
7. Name of River	Yamuna
8. Name of Village	Sangolipur Garha

10. Proposed River Bed Sand/Morrum Mining Project from Yamuna River for M/s Chaudhary Traders, located at Khand No.- 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177, 176 Mi, Village- Amlaur Khadar, Tehsil- Pallani, District- Banda, U.P., Sanctioned Lease Area: 25.29 ha. File No. 4227/Proposal No. SIA/UP/MIN/25126/2018

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

11. Proposed Riverbed Sand/Morrum Mining Project from Yamuna River at Khand No.-14/5 & 14/6 (Area: 24.28 Ha) located at Village - Dedhawal, Tehsil -Manthanpur , District - Kaushmbhi , U.P., Lease Area - 24.28 Ha. File No. 4325/Proposal No. SIA/UP/MIN/26243/2018

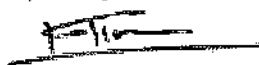
The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

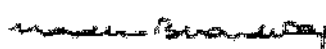
12. Proposed Riverbed Sand/Morrum Mining Project from Ken River of M/s Chaudhary Int Udyog located at Gata No. 04 (Block-17), Village-Sadi Khadar, Tehsil- Pallani, District- Banda, U. P. Lease Area-13 Ha File No. 4335/Proposal No. SIA/UP/MIN/29573/2018

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

13. River Bed Sand Mining Project from Yamuna River of M/s Eureka Mines and Minerals LLP located at Gata No.-1598 Cha, Village- Samuhi, Tehsil- Ghatampur, District- Kanpur Nagar, (L A-27.5 Ha) File No. 4050/Proposal No. SIA/UP/MIN/21868/2018

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".







State-Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vincent Khand-1, Gomti Nagar, Lucknow - 226 010
Phone : 91-522-2300 541, Fax : 91-522-2300 543
E-mail : docuplko@yahoo.com
Website : www.srlamp.in

To,

Shri Chandrashekhar Chaurasia,
S/o Shri Deen Dyal Chaurasia,
Partner,
28, Brahmipuri colony, Near Jugauli Crossing,
Fazlabad Road, Lucknow, U.P- 226001

Ref. No. 518 /Parya/SEAC/4050/2018Date: 24 November, 2018

Sub: Environmental Clearance for proposed river Bed Sand Mining Project from Yamuna River at Gata No-1598 Cha, Village- Samuhi, Tehsil- Ghatampur, District- Kanpur Nagar, (Leased Area-27.5 Ha), M/s Eureka Mines and Minerals LLP.

Dear Sir,

Please refer to your application/letter dated 03-02-2018, 20-02-2018, 23-10-2018 & 06-11-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 16/11/2018.

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for river Bed Sand Mining Project from Yamuna River at Gata No-1598 Cha, Village- Samuhi, Tehsil- Ghatampur, District- Kanpur Nagar, (Leased Area-27.5 Ha), M/s Eureka Mines and Minerals LLP.
2. Terms of reference in the matter were issued through SEIAA letter dated 11/04/2018.
3. The public hearing was organized on 10/10/2018.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/21868/2018
2. File No. allotted by SEIAA, UP	4050
3. Name of Proponent	M/s Eureka Mines and Minerals LLP Proprietor- Shri Chandrashekhar Chaurasia
4. Full correspondence address of proponent and mobile no.	M/s Eureka Mines and Minerals LLP Proprietor- Shri Chandrashekhar Chaurasia S/o Shri Deen Dyal Chaurasia, R/o H.No. 28, Brahmipuri Colony, Near Jugauli Crossing, Fazlabad Road, District Lucknow, Uttar Pradesh.
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Gata No. 1598 cha
7. Name of River	Yamuna
8. Name of Village	Samuhi
9. Tehsil	Ghatampur
10. District	Kanpur Nagar
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	27.5 ha
13. Mineable Area (in ha)	24.0 ha
14. Zero level mRL	87 mRL
15. Max. & Min mrl within lease area	100 mRL and 90 mRL

518

E.C. for proposed river Bed Sand Mining Project from Feeding River at Gate No.-1508 Cha, Village- Samahi, Tehsil- Gopipatna, District- Kanpur Nagar, (Leased Area 37.5 Ha), M/s Eureka Mines and Minerals LLP.

16. Pillar Coordinates (Verified by DMO)													
Sanctioned Area													
Pillar:	Latitude (N) Longitude (E)												
A	25°55'35.09"N 80°12'48.92"E												
B	25°55'31.12"N 80°13'3.28"E												
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F	25°55'18.78"N 80°12'46.89"E												
Non Workable Area													
G	25°55'31.16"N 80°13'6.90"E												
C	25°55'30.87"N 80°13'10.36"E												
D	25°55'19.85"N 80°13'12.97"E												
H	25°55'19.55"N 80°13'9.17"E												
17. Total Geological Reserves	19,75,000 m ³												
18. Total Mineable Reserves in LOI	5,50,000 m ³ /year												
19. Total Proposed Production	5,50,000 m ³ /year (27,50,000 m ³ in 05 years)												
20. Proposed Production/year	5,50,000 m ³												
21. Sanctioned Period of Mine lease	5 years												
22. Production of mine/day	2000 m ³ /day												
23. Method of Mining	Open cast Semi-mechanized												
24. No. of working days	275 days												
25. Working hours/day	12 hours												
26. No. Of workers	Approximately 72 labours												
27. No. Of vehicles movement/day	133 units												
28. Type of Land	Non - Agricultural, Government Waste Land (Revenue land)												
29. Ultimate Depth of Mining	3 m												
30. Nearest metalled road from site	MDR/Bagariya- Amauli; - 3.30 km ³ (North)												
31. Water Requirement	<table border="1" style="width: 100%;"> <thead> <tr> <th>PURPOSE</th> <th>REQUIREMENT (KLD)</th> </tr> </thead> <tbody> <tr> <td>Drinking</td> <td>1.75</td> </tr> <tr> <td>Suppression of dust</td> <td>9.36</td> </tr> <tr> <td>Plantation</td> <td>0.069</td> </tr> <tr> <td>Others (Stored water)</td> <td>0.10</td> </tr> <tr> <td style="text-align: center;">Total</td> <td>11.28 KLD</td> </tr> </tbody> </table>	PURPOSE	REQUIREMENT (KLD)	Drinking	1.75	Suppression of dust	9.36	Plantation	0.069	Others (Stored water)	0.10	Total	11.28 KLD
PURPOSE	REQUIREMENT (KLD)												
Drinking	1.75												
Suppression of dust	9.36												
Plantation	0.069												
Others (Stored water)	0.10												
Total	11.28 KLD												
32. Name of OCl Accredited Consultant with OCl No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.												
33. Any litigation pending against the project or land in any court	None												
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster Certificate is issued by Mines Officer, Kanpur Nagar Letter No. 953/Tres-UP Khanij/2018, Kanpur Nagar dated 01.11.2018.												
35. Details of Lease Area in approved DSR	Page No. 10; Table No. NIL												
Proposed CER cost	2% of total project cost i.e. Rs 38,00,000/-												
Proposed EMP cost & Total Project Cost	Rs 27,16,805/- & Rs. 19,00,15,000/-												

[Handwritten Signature]

Length and Width of Haul Road	Unpaved Length 0.78 km and Paved Length 3.55 km and 6 m width
No. of Trees to be Planted	206

5. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
6. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
7. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
8. There is no litigation pending in any court regarding this project.
9. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 16/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 24/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 5,50,000 m³/year is proposed from mining lease area 27.5 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependent on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of

E.C. for proposed river Bed Sand Mining Project from Yamuna River at Gata No.-1598 Cha. Village- Samuhl, Tehsil- Bhatnagar, District- Kanpur Nagar, (Leased Area-27.5 Ha), M/s Gureka Mines and Minerals LLP.

- measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.
 19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
 36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the



- State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
 38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
 39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
 40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
 41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
 42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
 43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
 44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
 45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
 46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
 47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
 48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. Pakka motorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.



E.C. for proposed river Bed Sand Mining Project from Yamuna River at Gate No.-1588 Cha, Village- Samuh, Tehsil- Ghatampur, District- Kanpur Nagar, (Leased Area-27.5 Ha), M/s Eureka Mines and Minerals LLP.

11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 38,00,000/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. Z/-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Kanpur Nagar, U.P.
19. Health/insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling within in 30 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/MHA and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.



32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise at 20 to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored ((TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)).
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area and users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in>



E.C. for proposed river Bed Sand Mining Project from Yamuna River at Gate No.-159B Cha, Village-Sambhi, Tehsil-Ghatampur, District-Kanpur Nagar, (Leased Area-27.5 Ha), M/s Eureka Mines and Minerals LLP.

and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.

52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.


(Ashish Tiwari)
Member Secretary, SEIAA

Ref. No. 519 /Parya/SEAC/4050/2018 Dated: As above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Kanpur Nagar, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.


(Ashish Tiwari)
Member Secretary, SEIAA

6. Proposed Riverbed Sand/Morrum Mining Project from Ken River for M/s ShriVipulTyagi located at Gata No.- 851, 866, 867, 869, 872, & 876, Village- Jarar, Tehsil- Naraini, District-Banda., M/s ShriVipulTyagi., Area-8.0 Ha, File No. 4372/Proposal No. (SIA/UP/ MIN /75593/2018)

Resolution against agenda no-06

A presentation was made by the project proponent along with their consultant M/s Environmental Research and Analysis, Lucknow. The committee discussed the matter and directed the project proponent to submit following information:

- 1- Continuous lease map and Geo-coordinates verified by DMO should be submitted.
- 2- Mismatch in area (khasra no.) mentioned in DSR and Form-1 should be clarified.
- 3- Mining methodology is to be revised.

The matter shall be discussed only after submission of information as above on online prescribed portal.

7. Proposed River bed Sand/Morrum Mining at Yamuna River at Khand No.- A-10, Gata No- 302,301, 296, 297, 286 mi,271mi,287, 270mi, 269mi,260mi, 259, 58mi, 255,254,253,291,252,251,292,290,289,288,287,294 & 293 at Village-Adhawal, Tehsil & District-Fatepur.,M/s Bansidhar Construction Pvt. Ltd. Area-40.48, Ha, File No. 4357/Proposal No. (SIA/UP/ MIN /27815/2018)

Resolution against agenda no-07

A presentation was made by the project proponent along with their consultant M/s Globus Environment Engineering Services. The committee discussed the matter and directed the project proponent to submit following information:

- 1- Leased map and Geo-coordinates verified by DMO should be submitted.
- 2- Corrigendum letter of LOI should be issued by the District Magistrate.
- 3- Photographs with time, date and Geo-coordinates should be submitted.
- 4- Cluster certificate should be submitted in prescribed format.

The matter shall be discussed only after submission of information as above on online prescribed portal.

8. Proposed River bed Sand/Morrum Mining Project from Yamuna River for M/s Vikas Enterprise located at Khand No.-31/5, Village-Patyaura, Tehsil & District-Hamirpur, U.P., area-36.437 Hac, File No. 4358/Proposal No. (SIA/UP/ MIN /27821/2018)

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd., Lucknow. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for River bed Sand/Morrum Mining Project from Yamuna River at Khand No.-31/5, Village-Patyaura, Tehsil & District-Hamirpur, U.P., (Leased Area -36.437 Ha).
- 2- Salient features of the project as submitted by the project proponent:

Minutes of 349th SEAC Meeting Dated 17/07/2018

1. On-line proposal No.	SIA/UP/MIN/27821/2018																																																	
2. File No. allotted by SEIAA, UP	4358																																																	
3. Name of Proponent	M/s Vikas Enterprises ShriVikasSachan S/o Shri Ashok Kumar																																																	
4. Full correspondence address of proponent and mobile no.	M/s Vikas Enterprises ShriVikasSachan S/o Shri Ashok Kumar R/o Village - KalaulitirDanda, Tehsil - Hamirpur, District - Hamirpur, Uttar Pradesh 210301																																																	
5. Name of Project	Sand/Morrum Mining																																																	
6. Project location (Plot/Khasra/Gata No.)	Khand No. 31/5																																																	
7. Name of River	Yamuna River																																																	
8. Name of Village	Patyaura																																																	
9. Tehsil	Hamirpur																																																	
10. District	Hamirpur																																																	
11. Name of Minor Mineral	Sand/Morrum																																																	
12. Sanctioned Lease Area (in ha)	36.437 ha																																																	
13. Mineable Area (in ha)	33.267ha																																																	
14. Zero level mRL	90 mRL																																																	
15. Max. & Min mrl within lease area	94 mRL and 99 mRL																																																	
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32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EI V/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamurpur Letter No 449/khanij-M-M-C-Tees-Vivadh (2018-19) dated 11/07/2018	
35. Details of Lease Area in approved DSR	Page No 61; Table No.20	
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,17,997/-	
37. Proposed EMP cost/ Total Project Cost	Rs 35,97,690/- & 1,43,59,940/-	
38. Length and Width of Haul Road	800 m Length and 6 m width	
39. No. of Trees to be Planted	182	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-08

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes. The committee also stipulated following additional conditions:

- 1- Regional combined area of homogeneous leases in cluster situation should be verified by DMO.
- 2- Submit photo affidavit and salient features.
- 3- Plan for haul road should be submitted.
- 4- Hazardous waste should be properly disposed through approved vendor.
- 5- Revised cluster certificate as per prescribed format should be submitted.

9. Proposed River bed Sand/Morrum(Minor Mineral) Mining Project from Ken River at Gata No.-195/1, Production(6,60,000 cum) M.L. Area- 33.0 Village-Lahuterar, Tehsil-Narani, District-Banda, U.P., M/s Katayani Natural Resources Ltd. M.L. Area- 33.0 hac. File No. 4359/Proposal No. (SIA/UP/ MIN /27844/2018)

Resolution against agenda no-09

The project proponent requested to withdraw the application due to duplicate file. The committee directed to close the file.

Annexure-3

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Regional combined EMP study should be carried out.
3. Regional combined area of homogeneous leases in cluster situation should be verified by DMO.
4. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
5. CER cost to be calculated for individual lease.
6. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
7. The lab conducting the analysis should be authenticated and registered.
8. Public hearing to be conducted as per EIA Notification, 2006.
9. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
10. Approved mining plans for all the mining projects.
11. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
12. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
13. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
14. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
15. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
16. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
17. Impact of change of land use should be given.
18. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
19. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
20. 02 km kachcha haul road to be made motorable. Submit Plan.

21. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
22. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
23. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
24. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
25. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
26. Details of water conservation measures proposed to be adopted in the project should be given.
27. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
28. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
29. Details of first order stream, if any passing through lease area and modification/diversion proposed, if any and the impact of the same on the hydrology should be brought out.
30. Details of rainwater harvesting proposed, if any, in the project should be provided.
31. Information on reduced levels/site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
32. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
33. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
34. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
35. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
36. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with

- plans and with adequate number of sections) should be given in the EIA report.
37. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
 38. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 39. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 40. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 41. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 42. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 43. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 44. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 45. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 46. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 47. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 48. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 49. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 50. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vincent Khand-1, Ghatni Nagar, Lucknow - 226 010

Phone : 91-522-2300541, Fax : 91-522-2300543

E-mail : doeauplko@yahoo.com

Website : www.seaaup.in

To,

Shri Vikas Sachan,
S/o Shri Ashok Kumar,
Village- Kalaulithir Danda, Tehsil- Hamirpur,
District- Hamirpur, U.P-210301

Ref. No.....346...../Parya/SEAC/4358/2017

Date: 20 August, 2018

Sub: Terms of Reference for River bed Sand/Morrum Mining Project from Yamuna River at Khand No.-31/5, Village-Patyaura, Tehsil & District-Hamirpur, U.P., (Leased Area -36.437 Ha).

Dear Sir,

Please refer to your application/letter dated 20-06-2018, 29-06-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 17/07/2018 and SEIAA in its meeting dated 01/08/2018.

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd., Lucknow. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for River bed Sand/Morrum Mining Project from Yamuna River at Khand No.-31/5, Village-Patyaura, Tehsil & District-Hamirpur, U.P., (Leased Area -36.437 Ha).
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/27821/2018
2. File No. allotted by SEIAA, UP	4358
3. Name of Proponent	M/s Vikas Enterprises Shri Vikas Sachan S/o Shri Ashok Kumar
4. Full correspondence address of proponent and mobile no.	M/s Vikas Enterprises Shri Vikas Sachan S/o Shri Ashok Kumar R/o Village - Kalaulithir Danda, Tehsil - Hamirpur, District - Hamirpur, Uttar Pradesh 210301
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 31/5
7. Name of River	Yamuna River
8. Name of Village	Patyaura
9. Tehsil	Hamirpur
10. District	Hamirpur
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	36.437 ha
13. Mineable Area (in ha)	33.267ha
14. Zero level mRL	90 mRL
15. Max. & Min mrl within lease area	94 mRL and 99 mRL
16. Pillar Coordinates (Verified by	Sanctioned Area

TOA for River bed Sand/Morrum Mining Project from Yamuna River at Khand No.-31/S, Village-Patvaara, Tehsil & District: Hamirpur, U.P., (Leased Area -30.437 Ha).

DMO)	Points	Latitude	Longitude
	A	25°55'28.61"N	80°15'45.21"E
	B	25°55'54.02"N	80°16'4.92"E
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17. Total Geological Reserves	18,21,850m ³		
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19. Total Proposed Production	7,28,540 m ³ /year (36,43,200 m ³ in 05 years)		
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21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2649.6 m ³ /day		
23. Method of Mining	Manual/Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	294units		
28. Type of Land	Nor - Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	NH 86(Kanpur -Dewas) : 12.0 km*(N)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	12.0	
	Plantation	0.09	
	Others (if any)	-	
	Total	12.61 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.449/khanj-M-M-C- Tees- Vividh (2018-19) dated 11/07/2018		
35. Details of Lease Area in approved DSR	Page No 61; Table No.20		
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,17,997/-		
37. Proposed EMP cost/ Total Project Cost	Rs 35,97,690/- & 1,43,59,940/-		

38. Length and Width of Haul Road	800 m Length and 6 m width
39. No. of Trees to be Planted	182

- 3- The mining would be restricted to unstratified zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue following terms of reference (TOR) for the preparation of EIA.

- 1- Regional combined area of homogeneous leases in cluster situation should be verified by DMO.
- 2- Submit photo affidavit and salient features.
- 3- Plan for haul road should be submitted.
- 4- Hazardous waste should be properly disposed through approved vendor.
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 - 29- The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 - 30- Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 - 31- Details of water conservation measures proposed to be adopted in the project should be given.
 - 32- Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 - 33- Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 - 34- Details of first order stream, if any passing through lease area and modification diversion

- proposed, if any and the impact of the same on the hydrology should be brought out.
- 35- Details of rainwater harvesting proposed, if any, in the project should be provided.
 - 36- Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 - 37- Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 - 38- The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 - 39- Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should covered.
 - 40- Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 - 41- Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 - 42- Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
 - 43- Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 - 44- Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 - 45- Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 - 46- Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 - 47- Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 - 48- Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 - 49- The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 - 50- Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works,

TOI for River bed Sand/Morrum Mining Project from Yamuna River at Khand No.-11/5, Village-Paryaura, Tehsil & District- Hamirpur, U.P., (Leased Area -35.837 Ha).

- nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
- 51- Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 - 52- The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 - 53- The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 - 54- The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 - 55- The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed in EIA reports.


This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

No..... /Parya/SEAC/4358/2018 Dated: As above

Copy with enclosure for information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate, Hamirpur.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Copy to Web Master/ guard file.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

Minutes of the 224th Meeting of the SEIAA held on 01/08/2018

4. Proposed River bed Sand/Morrum (Minor Mineral) Mining Project for Ken River at Gata No.-195/1, Production (6,60,000 cum), Lessed Area-33.0 ha, Village-Lahuterar, Tehsil-Naraini, District- Banda, U.P., M/s Katayani Natural Resources Ltd., Sanctioned Lease Area: 33.0 Ha, File No. 4209/Proposal No. (SIA/UP/ MIN /23991/2018)

The SEIAA agreed with the recommendations of the SEAC that the project proponent is to be asked to submit information regarding the matter as suggested by the SEAC.

5. Proposed River bed Sand Mining from Bagen River at Zone No./Gata No./ Khand No.-1749 Kha, 1766, 2421 (Block No.- 35), Village- Tara (B), Tehsil- Atarra, District- Banda, Area: 9.34 Ha, M/s Tripathi Construction., File No. 4370/Proposal No. (SIA/UP/ MIN /75587/2018)

The SEIAA agreed with the recommendations of the SEAC that the project proponent is to be asked to submit information regarding the matter as suggested by the SEAC.

6. Proposed Riverbed Sand/Morrum Mining Project from Ken River for M/s ShriVipulTyagi located at Gata No.- 851, 866, 867, 869, 872, & 876, Village- Jarar, Tehsil- Naraini, District- Banda, M/s ShriVipulTyagi, Area-8.0 Ha, File No. 4372/Proposal No. (SIA/UP/ MIN /75593/2018)

The SEIAA agreed with the recommendations of the SEAC that the project proponent is to be asked to submit information regarding the matter as suggested by the SEAC.

7. Proposed River bed Sand/Morrum Mining at Yamuna River at Khand No.- A-10, Gata No- 302,301, 296, 297, 286 mi,271mi,287, 270mi, 269mi,260mi, 259, 58mi, 255,254,253,291,252,251,292,290,289,288,287,294 & 293 at Village-Adhawal, Tehsil & District-Fatapur.,M/s Bansidhar Construction Pvt. Ltd. Area-40.48 Ha, File No. 4357/Proposal No. (SIA/UP/ MIN /27815/2018)

The SEIAA noted that SEAC has recommended that the project proponent is to be asked to submit information regarding the matter. SEIAA is of the opinion that in light of complain received from Mr. A.K. Gupta the above project should be referred back to SEAC for comments.

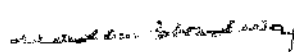
8. Proposed River bed Sand/Morrum Mining Project from Yamuna River for M/s Vikas Enterprise located at Khand No.-31/5, Village-Patyaura, Tehsil & District-Hamirpur, U.P., area-36.437 Ha, File No. 4358/Proposal No. (SIA/UP/ MIN /27821/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToRs to the title proposals for conducting EIA studies.

9. Proposed River bed Sand/Morrum (Minor Mineral) Mining Project from Ken River at Gata No.-195/1, Production(6,60,000 cum) M.L. Area- 33.0 Village-Lahuterar, Tehsil-Naraini, District-Banda, U.P., M/s Katayani Natural Resources Ltd. M.L. Area- 33.0 ha, File No. 4359/Proposal No. (SIA/UP/ MIN /27844/2018)

The SEIAA agreed with the recommendation of the SEAC to close the file since it is a duplicate file.







12. Proposed River Bed Sand / Morrum Mining Project at Yamuna River of M/s Vikas Enterprises, located at Khand No.- 31/5 Village - Patyaura, Tehsil- Hamirpur, District- Hamirpur, U.P., (Leased Area-36.44 Ha.), M/s Vikas Enterprise, File No. 4358/Proposal No. SIA/UP/MIN/27821/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand / Morrum Mining Project in Yamuna River at Khand No.- 31/5 Village - Patyaura, Tehsil- Hamirpur, District- Hamirpur, U.P., (Leased Area-36.44 Ha.), M/s Vikas Enterprise.
2. The public hearing was organized on 18/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/27821/2018		
2. File No. allotted by SBIAA, UP	4358		
3. Name of Proponent	M/s Vikas Enterprises Shri Vikas Sachan S/o Shri Ashok Kumar		
4. Full correspondence address of proponent and mobile no.	M/s Vikas Enterprises Shri Vikas Sachan S/o Shri Ashok Kumar R/o Village - Kalaulitir Danda, Tehsil - Hamirpur, District - Hamirpur, Uttar Pradesh 210301		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 31/5		
7. Name of River	Yamuna River		
8. Name of Village	Patyaura		
9. Tehsil	Hamirpur		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	36.437 ha		
13. Mineable Area (in ha)	33.267ha		
14. Zero level mRL	90 mRL		
15. Max. & Min mrl within lease area	94 mRL and 99 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	25°55'28.61"N	80°15'45.21"E
	B	25°55'54.02"N	80°16'4.92"E
	C	25°55'45.21"N	80°16'15.64"E
	D	25°55'22.20"N	80°15'57.36"E
	Workable Area		
	A	25°55'28.61"N	80°15'45.21"E
	E	25°55'51.92"N	80°16'3.28"E
	F	25°55'43.72"N	80°16'14.52"E
	D	25°55'22.20"N	80°15'57.36"E
	Non Workable Area		
	B	25°55'54.02"N	80°16'4.92"E
C	25°55'45.21"N	80°16'15.64"E	
F	25°55'43.72"N	80°16'14.52"E	
E	25°55'51.92"N	80°16'3.28"E	
17. Total Geological Reserves	18,21,850m ³		
18. Total Mineable Reserves in LOI	7,28,640 m ³ /year		

19. Total Proposed Production	7,28,640 m ³ /year (36,43,200 m ³ in 05 years)	
20. Proposed Production/year	7,28,640 m ³	
21. Sanctioned Period of Mine lease	5 years	
22. Production of mine/day	2649.6 m ³ /day	
23. Method of Mining	Opencast Semi mechanized	
24. No. of working days	275 days	
25. Working hours/day	12 hours	
26. No. Of workers	Approximately 75 labours	
27. No. Of vehicles movement/day	176 units	
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	NH 86(Kanpur - Dewas) : 12.0 km*(N)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	2.03
	Suppression of dust	39.6
	Plantation	0.091
	Others (Stored water)	0.10
	Total	41.82 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.449/khanij-M-M-C- Tees- Vividh (2018-19) dated 11/07/2018/	
35. Details of Lease Area in approved DSR	Page No 61; Table No.20	
36. Proposed CER cost	2% of total project cost i.e. Rs.48,06,202/-	
37. Proposed EMP cost/ Total Project Cost	Rs 72,05,486/- & 24,03,10,105/-	
38. Length and Width of Haul Road	Unpaved Length 1.98km and Paved Length 11.4 and 6 m width	
39. No. of Trees to be Planted	273	

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The project proponent also informed that as per EIA Notification 14th September, 2006, online submission of EIA report for appraisal after public hearing is next stage in the process of grant of environmental clearance. We are unable to submit our complete EIA report which is of approx. 85 MB on the MoEF&CC portal due to restriction of 20 MB file size. Hence, they are submitting only EMP of the project, minutes of public hearing, risk assessment document which constitute the main domain of an EIA report.

RESOLUTION AGAINST AGENDA NO-12

The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC.

After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled.

The recommendation of EC will be subjected to general/ specific conditions as annexed at annexure 1 & 2 to these minutes. The committee also stipulated following specific conditions:

- 1- Pakkamotorable haul road to be maintained by the project proponent.
- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 48,06,202/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.

- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
 - 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
 - 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
 - 21- Width of the haul road shall be more than 6 meter.
 - 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
- 13. Sand Morrum mining at Khand No. K-1 Gata no. 364Mi, 366Mi, 367Mi, 390Mi, Vill: Kharka, Tehsil Bhognipur, Distt: Kanpur Dehat.U.P. L. area 16.3 ha. File No. 4159/Proposal No. SIA/UP/MIN/22652/2018**

RESOLUTION AGAINST AGENDA NO-13

The project proponent did not appear. The committee discussed and directed that project file should be closed and be opened only after request from the project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online request on prescribed online portal.

(Dr. SaritaSinha)
Member

(Dr. ArvindMathur)
Member

(Dr. VirendraMisra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Dr. Richhpal Singh Sangu)
Member

(Dr. Ajoy Kumar Mandal)
Member

(ShriMerajUddin)
Member

(Dr. Rajive Kumar)
Member

(Dr. (Prof.) S. N. Singh)
Chairman

Annexure-1

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM
MINING PROPOSALS**

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating

- projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.

35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of

- the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
 16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
 17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
 18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
 19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
 20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
 21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
 22. Solid waste material viz., gutkhapouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
 23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
 24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
 25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
 26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
 27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
 28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
 29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

Minutes of 363rd SEAC Meeting Dated 15/10/2018

30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

23. Proposed River Bed Sand / Morrum Mining Project at Yamuna River of M/s Vikas Enterprises, located at Khand No.- 31/5 Village - Patvaura, Tehsil- Hamirpur, District- Hamirpur, U.P., (Leased Area-36.44 Ha.), M/s Vikas Enterprise, File No. 4358/Proposal No. SIA/UP/MIN/27821/2018

The SEIAA gone through the recommendation of SEAC to grant E.C. with the general and specific conditions. The SEIAA also gone through the file and noted that the case was earlier recommended by SEAC in its meeting dated 15-10-2018 for grant of EC with the comments that-

"The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting. The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled"

The SEIAA also noted that this matter was taken in its earlier meeting dated 05-11-2018 and was referred back to SEAC since it did not find it appropriate to issue E.C. in view of the above comments. In the mean time Hon'ble NGT ordered dated 13-11-2018 in MA no.-1622/2018 of OA no.-912/2018 that-

3- "We are of the view that this objection may be considered in the joint committee of SEIAA and SEAC in accordance with law before a decision is taken in the matter. If this objection is rejected, the reasons may be given. The applicant will be at liberty to raise this objection before the committee."

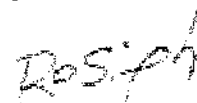
In compliance to the said order of NGT dated 13-11-2018 a joint meeting of SEAC and SEIAA was held on 14-11-2018 in which it was decided that the SEAC will again carryout appraisal of this project on the basis of individual EIA. SEAC has again carried out appraisal in its meeting dated 16-11-2018 and has recommended to grant EC with certain general and specific conditions.

The SEIAA gone through the recommendation of SEAC dated 16-11-2018 to grant EC wherein it has mentioned that the Project proponent has submitted individual EIA and also made a presentation before SEAC.

Keeping in view of the recommendation of SEAC dated 16-11-2018 again to grant EC to the titled project, SEIAA decided to go with the recommendation of SEAC along with all the general and specific conditions as suggested by the SEAC adding one specific condition-"Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied".







Directorate of Environment, U.P.

Vincent Khand-1, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : dceup100@yahoo.com

Website : www.seiaaup.in

To,

**Shri Vikas Sachan,
S/o Shri Ashok Kumar,
Village- Kalaulitir Danda, Tehsil- Hamirpur,
District- Hamirpur, U.P-210301.**

Ref. No. 4358/Parya/SEAC/4358/2018

Date: 24 November, 2018

Sub: Environmental Clearance for River Bed Sand / Morrum Mining Project in Yamuna River at Khand No.- 31/5 Village - Patyaura, Tehsil- Hamirpur, District- Hamirpur, U.P., (Leased Area-36.44 Ha.), M/s Vikas Enterprise.

Dear Sir,

Please refer to your application/letter dated 20-06-2018, 29-06-2018, 04-10-2018 & 15-10-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 15/10/2018 & 16/11/2018.

A presentation was made by the project proponent along with their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand / Morrum Mining Project in Yamuna River at Khand No.- 31/5 Village - Patyaura, Tehsil- Hamirpur, District- Hamirpur, U.P., (Leased Area-36.44 Ha.), M/s Vikas Enterprise.
2. The public hearing was organized on 18/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/27821/2018		
2. File No. allotted by SEIAA, UP	4358		
3. Name of Proponent	M/s Vikas Enterprises Shri Vikas Sachan S/o Shri Ashok Kumar		
4. Full correspondence address of proponent and mobile no.	M/s Vikas Enterprises Shri Vikas Sachan S/o Shri Ashok Kumar R/o Village - Kalaulitir Danda, Tehsil - Hamirpur, District - Hamirpur, Uttar Pradesh 210301		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 31/5		
7. Name of River	Yamuna River		
8. Name of Village	Patyaura		
9. Tehsil	Hamirpur		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	36.437 ha		
13. Mineable Area (in ha)	33.267ha		
14. Zero level mRL	90 mRL		
15. Max. & Min mrl within lease area	94 mRL and 99 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	25°55'28.61"N	80°15'45.21"E
	B	25°55'54.02"N	80°16'4.92"E
	C	25°55'45.21"N	80°16'15.64"E
D	25°55'22.20"N	80°15'57.36"E	

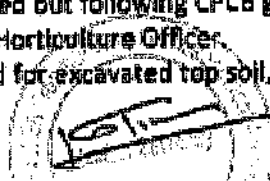
[Handwritten Signature]

8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 15/10/2018 & 16/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 22/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 7,28,640 m³/year is proposed from mining lease area 36.437 ha subject to effective implementation of the following General Conditions and specific conditions:

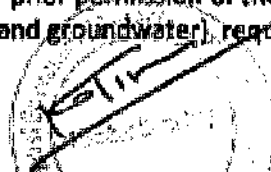
General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Morrum will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna depa jant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.



E.C. for River Bed Sand / Morrum Mining Project in Yamuna River at Khari No. 31/5 Village - Patyaura, Tehsil- Hamirpur, District- Hamirpur, U.P., (Leased Area-36.04 Ha.), M/s Vikas Enterprises.

21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.



39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. Pakka motorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.

E.C. for River Bed Sand / Morrum Mining Project in Yamuna River at Khand No. - 31/5 Village - Patyaura, Tehsil- Hamirpur, District- Hamirpur, U.P., (Leased Area- 26.44 Ha.), M/s Vikas Enterprises,

16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 48,06,202/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-1A.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
19. Health/insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 20a. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling with in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHA and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C. issued will stand revoked.
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35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
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38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored ((TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)).
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
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44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., gutkhapouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.



E.C. for River Bed Sand / Morrum Mining Project in Yamuna River at Khand No.- 31/5 Village - Patyaura, Tehsil- Hamirpur, District- Hamirpur, U.P., (Leased Area-36.48 Ha.), M/s Vikas Enterprises.

54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along-with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.



Member Secretary, SEIAA

Ref. No. /Parya/SEAC/4358/2018 Dated: As above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.

(Ashish Tiwari)
Member Secretary, SEIAA

Minutes of 340th SEAC Meeting Dated 28/05/2018

10. Proposed River Bed Sand/Morrum Mining Project from Yamuna River for M/s Chaudhary Traders located at Khand No.- 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177, 176 Mi, Village-Amlaur Khadar, Tehsil- Pailani, District- Banda, Area: 25.29 ha, File No. 4227/Proposal No. (SIA/UP/ MFN /25126/2018)

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd., Lucknow. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for proposed River Bed Sand/Morrum Mining Project from Yamuna River at Khand No.- 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177, 176 Mi, Village-Amlaur Khadar, Tehsil- Pailani, District- Banda, (Leased Area: 25.29 ha), M/s Chaudhary Traders.
- 2- Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/25126/2018		
2. File No. allotted by SEIAA, UP	4227		
3. Name of Proponent	M/s Chaudhary Traders Shri Girraj Kumar Sharma		
4. Full correspondence address of proponent and mobile no.	M/s Chaudhary Traders Proprietor- Shri Girraj Kumar Sharma S/o Shri Ramji Lal Sharma R/o Sakha Colony, Parasad Gali, Morena Road, Ambah , District - Morena, Madhya Pradesh (476111)		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 50, 177 & 176Mi		
7. Name of River	Ken River		
8. Name of Village	Amlor Khadar		
9. Tehsil	Pailani		
10. District	Banda		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	25.29 ha		
13. Mineable Area (in ha)	24.739 ha		
14. Zero level mRL	85 mRL		
15. Max. & Min mrl within lease area	97 mRL and 86 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25° 45.011'N	80° 21.817'E
	B	25° 45.070'N	80° 21.803'E
	C	25° 44.872'N	80° 22.478'E
	D	25° 44.311'N	80° 22.908'E
	E	25° 44.282'N	80° 22.820'E
	F	25° 44.299'N	80° 22.804'E
	G	25° 44.343'N	80° 22.856'E
	H	25° 44.384'N	80° 22.825'E
	I	25° 44.326'N	80° 22.765'E
	J	25° 44.376'N	80° 22.726'E
	K	25° 44.520'N	80° 22.635'E
	L	25° 44.571'N	80° 22.693'E
	M	25° 44.526'N	80° 22.630'E
N	25° 44.569'N	80° 22.596'E	
O	25° 44.624'N	80° 22.657'E	

Minutes of 340th SEAC Meeting Dated 28/05/2018

		P	25° 44.580'N	80° 22.590'E
		Q	25° 44.587'N	80° 22.585'E
		R	25° 44.632'N	80° 22.650'E
		S	25° 44.278'N	80° 22.932'E
		T	25° 44.256'N	80° 22.951'E
		U	25° 44.214'N	80° 22.913'E
		V	25° 44.233'N	80° 22.885'E
		Non-Workable Area		
		S	25° 44.278'N	80° 22.932'E
		T	25° 44.256'N	80° 22.951'E
		U	25° 44.214'N	80° 22.913'E
		V	25° 44.233'N	80° 22.885'E
		Workable Lease Area(24.239 Ha)		
		A	25°44'48.73"N	80°21'10.68"E
		B	25°44'49.49"N	80°21'8.60"E
		C	25°45'5.40"N	80°21'48.37"E
		D	25°44'55.76"N	80°22'23.76"E
		E	25°44'56.26"N	80°22'20.59"E
		F	25°44'56.92"N	80°22'17.78"E
		G	25°44'49.12"N	80°22'17.90"E
		H	25°44'50.16"N	80°22'12.60"E
		I	25°44'53.54"N	80°22'4.40"E
		J	25°45'0.13"N	80°22'6.70"E
		K	25°44'53.64"N	80°22'3.95"E
		L	25°44'53.44"N	80°22'0.85"E
		M	25°45'0.70"N	80°22'3.84"E
		N	25°44'53.59"N	80°22'0.34"E
		O	25°44'53.65"N	80°21'59.80"E
		P	25°45'1.02"N	80°22'2.56"E
		Q	25°44'48.73"N	80°21'10.68"E
		R	25°44'49.49"N	80°21'8.60"E
17. Total Geological Reserves	12,64,500 m ³			
18. Total Mineable Reserves in LOI	5,05,800 m ³ /year			
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	5,05,800 m ³ /year (25,29,000 m ³ in 05 years)			
20. Proposed Production/year	5,05,800 m ³			
21. Sanctioned Period of Mine lease	5 years			
22. Production of mine/day	1839.28 m ³ /day			
23. Method of Mining	Opencast manual/Semi mechanized			
24. No. of working days	275 days			
25. Working hours/day	12 hours			
26. No. Of workers	Approximately 70 labours			
27. No. Of vehicles movement/day	204units			
28. Type of Land	Government Waste Land (Revenue land)			
29. Ultimate Depth of Mining	3 m			
30. Nearest metalled road from site	Tindwara Pailani Sumerpur Marg :5.5 km*(E)			
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)		
	Drinking	0.70		
	Suppression of dust	6.0		
	Plantation	0.06		
	Others (if any)	-		
	Total	6.76 KLD		

32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.
33. Any litigation pending against the project or land in any court	None
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster Certificate is issued by Mines Officer, Banda Letter No. 78/Khamij-30, Banda dated 04.04.2018.
35. Details of Lease Area in approved DSR	Page No 65; Table No. 22
36. Proposed CER cost	5% of total project cost i.e. Rs 7,20,631/-
37. Proposed EMP cost & Total Project Cost	Rs. 33,29,170/- & Rs. 1,44,00,000/-
38. Length and Width of Haul Road	1000 m Length and 6 m width
39. No. of Trees to be Planted	126

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-10

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes. The committee also stipulated following points:

- 1- Agreement letter with farmers for haul road purpose should be submitted.

11. Ordinary Sand Mining Project on Yamuna River at Plot No.- 87, Village - Bhidauni Khadar, Tehsil- Mant, District.- Mathura, U.P., M/s Satyug Foods Pvt. Ltd., Lease Area 5.06 Ha. File No. 3994/Proposal No. (SIA/UP/ MIN /72258/2018

The committee noted that the matter was earlier discussed in SEAC meeting dated 01/05/2018 wherein the project proponent was directed to submit following information:

- 1- TTZ norms to be followed and the permission from the competent authority should be submitted in this regard.
- 2- Recalculate the area and volume of mining as per SSMG-2016.
- 3- Delete safeda plantation. Plantation should be done in consultation with District forest officers and agriculture department.
- 4- Geo-coordinate should be verified by the competent authority and to be submitted.

The project proponent submitted their replies through letter dated 17/05/2018. A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Private Limited. The proponent, through the documents submitted and the presentation made, informed the committee that :-

Annexure-3

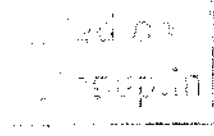
Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CER cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their require nent and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and

- NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
 21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the project should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be

- charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 43. Present position of distances of railway lines National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

State Level Environment Impact Assessment Authority, Uttar Pradesh



Directorate of Environment, U.P.

Vineet Khand - I, Gomti Nagar, Lucknow - 226 000

Phone : 91-522-2300 540, Fax : 91-522-2300 543

E-mail : dceuplko@yafara.com

Website : www.sciaup.in

To,

Shri Girraj Kumar Sharma,
Owner,
H.No- Sakha Colony, Parasad Gali,
Morena Road, Ambah,
District- Morana, M.P.

Ref. No. 2/168 /Paryo/SEAC/4227/2018

Date: 11 July, 2018

Sub: Terms of reference for proposed River Bed Sand/Morrum Mining Project from Yamuna River at Khand No.- 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177, 176 MI, Village-Amlaur Khadar, Tehsil- Palfani, District- Banda, (Leased Area: 25.29 ha), M/s Chaudhary Traders.

Dear Sir,

Please refer to your application dated 13-04-2018 & 18-04-2018 addressed to the Secretary SEAC/Director, Directorate of Environment, U.P. on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 28-05-2018 and SEIAA in its meeting dated 12-05-2018.

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd., Lucknow. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for proposed River Bed Sand/Morrum Mining Project from Yamuna River at Khand No.- 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177, 176 MI, Village-Amlaur Khadar, Tehsil- Palfani, District- Banda, (Leased Area: 25.29 ha), M/s Chaudhary Traders.
- 2- Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/25126/2018		
2. File No. allotted by SEIAA, UP	4227		
3. Name of Proponent	M/s Chaudhary Traders Shri Girraj Kumar Sharma		
4. Full correspondence address of proponent and mobile no.	M/s Chaudhary Traders Proprietor- Shri Girraj Kumar Sharma S/o Shri Ramji Lal Sharma R/o Sakha Colony, Parasad Gali, Morena Road, Ambah, District - Morena, Madhya Pradesh (476131)		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 50, 177 & 176MI		
7. Name of River	Ken River		
8. Name of Village	Amlaur Khadar		
9. Tehsil	Palfani		
10. District	Banda		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	25.29 ha		
13. Mineable Area (in ha)	24.739 ha		
14. Zero level mRL	85 mRL		
15. Max. & Min mri within lease area	97 mRL and 86 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25° 45.011'N	80° 21.817'E
	B	25° 45.070'N	80° 21.803'E

TOR for proposed River Bed Sand/Morrum Mining Project from Yamuna River at Khand No.- 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177, 176 MI, Village-Amlaur Khadar, Tehsil- Pallaoli, District- Banda, (Leased Area: 25.29 ha), M/s Chaudhary Traders.

	C	25° 44.872'N	80° 22.478'E
	D	25° 44.311'N	80° 22.908'E
	E	25° 44.282'N	80° 22.820'E
	F	25° 44.299'N	80° 22.804'E
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	U	25° 44.214'N	80° 22.913'E
	V	25° 44.233'N	80° 22.885'E
	Non-Workable Area		
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	T	25° 44.256'N	80° 22.951'E
	U	25° 44.214'N	80° 22.913'E
	V	25° 44.233'N	80° 22.885'E
	Workable Lease Area(24.239 Ha)		
	A	25°44'48.73"N	80°21'10.68"E
	B	25°44'49.49"N	80°21'8.60"E
	C	25°45'5.40"N	80°21'48.37"E
	D	25°44'55.76"N	80°22'23.76"E
	E	25°44'56.26"N	80°22'20.59"E
	F	25°44'56.92"N	80°22'17.78"E
	G	25°44'49.12"N	80°22'17.90"E
	H	25°44'50.16"N	80°22'12.60"E
	I	25°44'53.54"N	80°22'4.40"E
	J	25°45'0.13"N	80°22'6.70"E
	K	25°44'53.64"N	80°22'3.95"E
	L	25°44'53.44"N	80°22'0.85"E
	M	25°45'0.70"N	80°22'3.84"E
	N	25°44'53.59"N	80°22'0.34"E
	O	25°44'53.65"N	80°21'59.80"E
	P	25°45'1.02"N	80°22'2.56"E
	Q	25°44'48.73"N	80°21'10.68"E
	R	25°44'49.49"N	80°21'8.60"E
17. Total Geological Reserves	12,64,500 m ³		
18. Total Mineable Reserves in LOI	5,05,800 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	5,05,800 m ³ /year (25,29,000 m ³ in 05 years)		
20. Proposed Production/year	5,05,800 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1839.28 m ³ /day		

TOR for proposed River Bed Sand/Morrum Mining Project from Yamuna River at Khand No.- 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177, 176 MI, Village-Amlaur Khadar, Tehsil- Pailani, District- Banda, (Leased Area: 25.29 ha), M/s Chaudhary Traders.

23. Method of Mining	Opencast manual/Semi mechanized	
24. No. of working days	275 days	
25. Working hours/day	12 hours	
26. No. Of workers	Approximately 70 labours	
27. No. Of vehicles movement/day	204units	
28. Type of Land	Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	Tindwara Pailani Sumerpur Marg :5.5 km*(E)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.70
	Suppression of dust	6.0
	Plantation	0.06
	Others (if any)	"
	Total	6.76 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster Certificate is issued by Mines Officer, Banda Letter No. 78/Khanij-30, Banda dated 04.04.2018.	
35. Details of Lease Area in approved DSR	Page No 65; Table No. 22	
36. Proposed CER cost	5% of total project cost i.e. Rs 7,20,631/-	
37. Proposed EMP cost & Total Project Cost	Rs. 33,29,170/- & Rs. 1,44,00,000/-	
38. Length and Width of Haul Road	1000 m Length and 6 m width	
39. No. of Trees to be Planted	126	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).
The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA:
 1. Agreement letter with farmers for haul road purpose should be submitted.
 2. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
 3. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
 4. CSR cost to be calculated for individual lease.
 5. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
 6. The lab conducting the analysis should be authenticated and registered.
 7. Public hearing to be conducted as per EIA Notification, 2006.
 8. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
 9. Approved mining plans for all the mining projects.
 10. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management

TOR for proposed River Bed Sand/Morrum Mining Project from Yamuna River at Khond No.- 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177, 176 MI. Village-Amlour Khadar, Tehsil- Paliani, District- Banda.
(Leased Area: 25.29 ha), M/s Chaudhary Traders.

and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, i.e., in terms of distance to be left un-worked from the river flowing nearby.

11. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
12. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
13. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
14. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
15. A detailed biological study for the study area (core zone and buffer zone (10 km radius of the periphery of the mine lease)) shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
16. Impact of change of land use should be given.
17. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
18. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
19. 02 km kachcha haul road to be made motable. Submit Plan.
20. One season (Non Monsoon) primary base line data on ambient air quality ($PM_{2.5}$, PM_{10} , SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
21. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM_{10} particularly for free silica should be given.
22. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
23. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
24. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
25. Details of water conservation measures proposed to be adopted in the project should be given.
26. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
27. Based on actual monitored data, it may clearly be shown whether working will intersect

- groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
28. Details of first order stream, if any passing through lease area and modification/diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 29. Details of rainwater harvesting proposed, if any, in the project should be provided.
 30. Information on reduced levels/site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 31. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 32. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 33. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 34. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 35. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 36. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
 37. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 38. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 39. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 40. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 41. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 42. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 43. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out. 15-
 44. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs,

TDR for proposed River Bed Sand/Morrum Mining Project from Yamuna River at Khand No.- 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177, 176 Mi. Village-Amlaur Khadar, Tehsil- Pailani, District- Banda, (Leased Area: 25.29 ha), M/s Chaudhary Traders.

Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.


45. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
46. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
47. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
48. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
49. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed in EIA reports.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

No. /Parya/SEAC/4227/2018 Dated: As above
Copy with enclosure for information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate, Banda.
5. The Member Secretary, U.P. Pollution Control Board, TC-12W, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Director, Geology and Mining, Govt. of U.P.
7. Copy to Web Master/ guard file.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

Minutes of the 214th Meeting of the SEIAA held on 12/06/2018

4. Commercial Complex at Khasra No.- 1069, Village- Noor Nagar, District-Ghaziabad, U.P., M/s Spaceterh JKG Projects Pvt. Ltd., File No. 4055/Proposal No. (SIA/UP/ MIN /72508/2018)

The SEIAA gone through the SEAC recommendations regarding the matter and noted that the project proponent did not appear in the SEAC meeting, so that the recommendation of the SEAC to close the case is accepted. It can be reopened, only if a request to this effect is received from the project proponent. The file shall not be treated as pending. The SEIAA agreed with the recommendation of SEAC.

5. Proposed Sand/ Morrum Mining Project in Yamuna River at Khand No.- A-11, (Gata No.- 250 Mi, 249, 239 Mi, 240 Mi, 241 Mi, 227 Mi, 229 Mi, 219 Mi, 212 Mi, 220 Mi, 225, 222, 221, 224, 223, 226, 244, 245, 242, Part of 252, 253, 256, Part of 251, 243, 246, 248, 247), Village-Adhawal, District-Fatehpur, M/s Classic Infra ventures Area: 40.48 Ha, File No. 4197/Proposal No. (SIA/UP/ MIN /23807/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies

6. Proposed Sand/ Morrum Mining Project in Yamuna River at Khand No.- R.K. 1A, (Gata No.-Part of 144 etc, 40, 36, 32, 68, 5), Village- Ramnagar Kauhān, Tehsil & District-Fatehpur, U.P., M/s Devyash Project & Infra-Structure Pvt. Ltd., Area: 34.81 Ha, File No. 4196/Proposal No. (SIA/UP/ MIN /23823/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

7. Proposed River Sand/Morrum Mine at Khasra No.- 24/8, Village- Chikasi, Sarila District-Hamirpur, U.P., M/s MT International, Lease Area: 36.437 ha, File No. 4205/Proposal No. (SIA/UP/ MIN /23830/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

8. Proposed River Bed Sand/Morrum Mining Project from Betwa River for M/s Kaushaly Chaubey Contractor located at Khand No.- 17/5, Village- Sahjana, Tehsil- Hamirpur, District- Hamirpur, U.P., Lease Area: 12.145 ha, File No. 4219/Proposal No. (SIA/UP/ MIN /24388/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

9. Sand/Morrum Mining Project on Ken River at Gata No.-5029, 5030 Ka, 5093 Ka, 5094Ka, & 5097 Ka, Block No.-15, Village- Durendi, Tehsil & District- Banda, U.P., M/s Raman Sokhal, Lease Area: 20.00 ha, File No. 4220/Proposal No. (SIA/UP/ MIN /24431/2018)

The SEIAA agreed with the recommendations of the SEAC that the project proponent is to be asked to submit information regarding the matter as suggested by the SEAC.

10. Proposed River Bed Sand/Morrum Mining Project from Yamuna River for M/s Chaudhary Traders located at Khand No.- 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177, 176 Mi, Village-Amlaur Khadar, Tehsil- Pailani, District- Banda, Area: 25.29 ha, File No. 4227/Proposal No. (SIA/UP/ MIN /25126/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

(Signature)

(Signature)

(Signature)

- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

10. Proposed River Bed Sand/Morrum Mining Project from Yamuna River for M/s Chaudhary Traders, located at Khand No.- 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177, 176 Mi, Village- Amlaur Khadar, Tehsil- Pailani, District- Banda, U.P., Sanctioned Lease Area: 25.29 ha. File No. 4227/Proposal No. SIA/UP/MIN/25126/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining Project from Yamuna River at Khand No.- 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177, 176 Mi, Village- Amlaur Khadar, Tehsil- Pailani, District- Banda, U.P., Sanctioned Lease Area: 25.29 ha, M/s Chaudhary Traders.
2. Terms of reference in the matter were issued through SEIAA letter dated 11/07/2018.
3. The public hearing was organized on 26/09/2018.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/25126/2018		
2. File No. allotted by SEIAA, UP	4227		
3. Name of Proponent	M/s Chaudhary Traders Proprietor- Shri Girraj Kumar Sharma		
4. Full correspondence address of proponent and mobile no.	M/s Chaudhary Traders Proprietor- Shri Girraj Kumar Sharma S/o Shri Ramji Lal Sharma R/o Sakha Colony, Parasad Gali, Morena Road, Ambah, District - Morena, Madhya Pradesh (476111)		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177 & 176Mi		
7. Name of River	Ken River		
8. Name of Village	Amlor Khadar		
9. Tehsil	Pailani		
10. District	Banda		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	25.29 ha		
13. Mineable Area (in ha)	24.739 ha		
14. Zero level mRL	85 mRL		
15. Max. & Min mrl within lease area	97 mRL and 86 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioed Lease Area		
	A	25° 45.011'N	80° 21.817'E
	B	25° 45.070'N	80° 21.803'E
	C	25° 44.872'N	80° 22.478'E
	D	25° 44.311'N	80° 22.908'E
	E	25° 44.282'N	80° 22.820'E

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	F	25° 44.299'N	80° 22.804'E
	G	25° 44.343'N	80° 22.856'E
	H	25° 44.384'N	80° 22.825'E
	I	25° 44.326'N	80° 22.765'E
	J	25° 44.376'N	80° 22.726'E
	K	25° 44.520'N	80° 22.635'E
	L	25° 44.571'N	80° 22.693'E
	M	25° 44.526'N	80° 22.630'E
	N	25° 44.569'N	80° 22.596'E
	O	25° 44.624'N	80° 22.657'E
	P	25° 44.580'N	80° 22.590'E
	Q	25° 44.587'N	80° 22.585'E
	R	25° 44.632'N	80° 22.650'E
	S	25° 44.278'N	80° 22.932'E
	T	25° 44.256'N	80° 22.951'E
	U	25° 44.214'N	80° 22.913'E
	V	25° 44.233'N	80° 22.885'E
	Non-Workable Area		
	S	25° 44.278'N	80° 22.932'E
	T	25° 44.256'N	80° 22.951'E
	U	25° 44.214'N	80° 22.913'E
	V	25° 44.233'N	80° 22.885'E
	Workable Lease Area		
	A	25°44'48.73"N	80°21'10.68"E
	B	25°44'49.49"N	80°21'8.60"E
	C	25°45'5.40"N	80°21'48.37"E
	D	25°44'55.76"N	80°22'23.76"E
	E	25°44'56.26"N	80°22'20.59"E
	F	25°44'56.92"N	80°22'17.78"E
	G	25°44'49.12"N	80°22'17.90"E
	H	25°44'50.16"N	80°22'12.60"E
	I	25°44'53.54"N	80°22'4.40"E
	J	25°45'0.13"N	80°22'6.70"E
	K	25°44'53.64"N	80°22'3.95"E
	L	25°44'53.44"N	80°22'0.85"E
	M	25°45'0.70"N	80°22'3.84"E
	N	25°44'53.59"N	80°22'0.34"E
	O	25°44'53.65"N	80°21'59.80"E
	P	25°45'1.02"N	80°22'2.56"E
	Q	25°44'48.73"N	80°21'10.68"E
	R	25°44'49.49"N	80°21'8.60"E
17. Total Geological Reserves	12,64,500 m ³		
18. Total Mineable Reserves in LOI	5,05,800 m ³ /year		
19. Total Proposed Production	5,05,800 m ³ /year (25,29,000 m ³ in 05 years)		
20. Proposed Production/year	5,05,800 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1839.28 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 76 labours		
27. No. Of vehicles movement/day	133 units		
28. Type of Land	Government Waste Land (Revenue land)		

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29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	MDR(Tindwara Pailani Sumerpur Marg) :5.5 km*(E)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	1.74
	Suppression of dust	47.52
	Plantation	0.063225
	Others (Stored Water)	0.10
	Total	49.43 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster Certificate is issued by Mines Officer, Banda Letter No. 2615/Khanij-30, Banda dated:09.10.2018.	
35. Details of Lease Area in approved DSR	Page No 65; Table No. 22	
36. Proposed CER cost	2% of total project cost i.e. Rs 38,20,560/-	
37. Proposed EMP cost & Total Project Cost	Rs. 81,68,908/- & Rs. 19,10,00,000/-	
38. Length and Width of Haul Road	Unpaved Length 3.96 km and Paved Length 3.48 km and 6 m width	
39. No. of Trees to be Planted	189	

5. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
6. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
7. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
8. There is no litigation pending in any court regarding this project.
9. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-10

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 1 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:

- 1- Pakkamotorable haul road to be maintained by the project proponent.
- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.

- 10- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs 38,20,560/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Banda, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

11. Proposed Riverbed Sand/Morrum Mining Project from Yamuna River at Khand No.- 14/5 & 14/6 (Area: 24.28 Ha) located at Village - Dedhawal, Tehsil -Manjhanpur , District - Kaushmbhi , U.P., Lease Area - 24.28 Ha. File No. 4325/Proposal No. SIA/UP/MIN/26243/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Proposed Riverbed Sand/Morrum Mining Project from Yamuna River at Khand No.-14/5 & 14/6 at Village - Dedhawal, Tehsil -Manjhanpur , District - Kaushmbhi , U.P., Lease Area - 24.28 Ha.
2. Terms of reference in the matter were issued through SEIAA letter dated 07/08/2018.

Annexure-1

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM
MINING PROPOSALS**

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.

18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpanlin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.

34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500m. and area is less than 25ha, but factually the distance is less than 500 m and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/lasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of

- the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
 16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
 17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
 18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
 19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
 20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
 21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
 22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
 23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
 24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
 25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
 26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
 27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
 28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
 29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

10. Proposed River Bed Sand/Morrum Mining Project from Yamuna River for M/s Chaudhary Traders, located at Khand No.- 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177, 176 Mi, Village- Amlaur Khadar, Tehsil- Pailani, District- Banda, U.P., Sanctioned Lease Area: 25.29 ha, File No. 4227/Proposal No. SIA/UP/MIN/25126/2018

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

11. Proposed Riverbed Sand/Morrum Mining Project from Yamuna River at Khand No.-14/5 & 14/6 (Area: 24.28 Ha) located at Village - Dadhawal, Tehsil -Manjhanpur, District - Kaushambi, U.P., Lease Area - 24.28 Ha. File No. 4325/Proposal No. SIA/UP/MIN/26243/2018

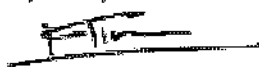
The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

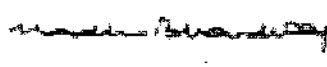
12. Proposed Riverbed Sand/Morrum Mining Project from Ken River of M/s Chaudhary Int Udyog located at Gata No. 04 (Block-17), Village-Sadi Khadar, Tehsil- Pailani, District- Banda, U. P. Lease Area-13 Ha File No. 4335/Proposal No. SIA/UP/MIN/29573/2018

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

13. River Bed Sand Mining Project from Yamuna River of M/s Eureka Mines and Minerals LLP located at Gata No.-159B Cha, Village- Samuhi, Tehsil- Ghatampur, District- Kanpur Nagar, (L A-27.5 Ha) File No. 4050/Proposal No. SIA/UP/MIN/21868/2018

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".







State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand - I, Ganvi Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : docupiko@yahoo.com

Website : www.seiaup.in

To,

Shri Girraj Kumar Sharma,
S/o Shri Ramji Lal Sharma,
Village- Morena road, Ambah,
Tehsil & District- Morena, U.P.

Ref. No. 15 /Parya/SEAC/4227/2018Date: 24 November, 2018

Sub: Environmental Clearance for Proposed River Bed Sand/Morrum Mining Project from Ken River at Khand No.- 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177, 176 Mi, Village- Amlaur Khadar, Tehsil- Pallani, District- Banda, U.P., Sanctioned Lease Area: 25.29 ha, M/s Chaudhary Traders.

Dear Sir,

Please refer to your application/letter dated 13-04-2018, 18-04-2018, 23-10-2018 & 05-11-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 16/11/2018.

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining Project from Yamuna River at Khand No.- 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177, 176 Mi, Village- Amlaur Khadar, Tehsil- Pallani, District- Banda, U.P., Sanctioned Lease Area: 25.29 ha, M/s Chaudhary Traders.
2. Terms of reference in the matter were issued through SEIAA letter dated 11/07/2018.
3. The public hearing was organized on 26/09/2018.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/25126/2018		
2. File No. allotted by SEIAA, UP	4227		
3. Name of Proponent	M/s Chaudhary Traders Proprietor- Shri Girraj Kumar Sharma		
4. Full correspondence address of proponent and mobile no.	M/s Chaudhary Traders Proprietor- Shri Girraj Kumar Sharma S/o Shri Ramji Lal Sharma R/o Sakha Colony, Parasad Gali, Morena Road, Ambah, District - Morena, Madhya Pradesh (476111)		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gate No.)	Gate No. 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177 & 176Mi		
7. Name of River	Ken River		
8. Name of Village	Amlor Khadar		
9. Tehsil	Pallani		
10. District	Banda		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	25.29 ha		
13. Mineable Area (in ha)	24.739 ha		
14. Zero level mRL	85 mRL		
15. Max. & Min mri within lease area	97 mRL and 85 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude

R.C. for Proposed River Bed Sand/Morium Mining Project from Yamuna River at Khond No- 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177, 178, 181, Village- Amfair Khadar, Tehsil- Pailani, District- Banda, U.P., Sanctioned Lease Area: 23.29 ha. M/s Chaudhary Traders.

		Sanctioned Lease Area	
A	25° 45.011'N	80° 21.817'E	
B	25° 45.070'N	80° 21.803'E	
C	25° 44.872'N	80° 22.478'E	
D	25° 44.311'N	80° 22.908'E	
E	25° 44.282'N	80° 22.820'E	
F	25° 44.299'N	80° 22.804'E	
G	25° 44.343'N	80° 22.856'E	
H	25° 44.384'N	80° 22.825'E	
I	25° 44.326'N	80° 22.765'E	
J	25° 44.376'N	80° 22.726'E	
K	25° 44.520'N	80° 22.635'E	
L	25° 44.571'N	80° 22.693'E	
M	25° 44.526'N	80° 22.630'E	
N	25° 44.569'N	80° 22.596'E	
O	25° 44.624'N	80° 22.657'E	
P	25° 44.580'N	80° 22.590'E	
Q	25° 44.587'N	80° 22.585'E	
R	25° 44.632'N	80° 22.650'E	
S	25° 44.278'N	80° 22.932'E	
T	25° 44.256'N	80° 22.951'E	
U	25° 44.214'N	80° 22.913'E	
V	25° 44.233'N	80° 22.885'E	
		Non-Workable Area	
S	25° 44.278'N	80° 22.932'E	
T	25° 44.256'N	80° 22.951'E	
U	25° 44.214'N	80° 22.913'E	
V	25° 44.233'N	80° 22.885'E	
		Workable Lease Area	
A	25° 44'48.73"N	80° 21'10.68"E	
B	25° 44'49.49"N	80° 21'8.60"E	
C	25° 45'5.40"N	80° 21'48.37"E	
D	25° 44'55.76"N	80° 22'23.76"E	
E	25° 44'56.26"N	80° 22'20.59"E	
F	25° 44'56.92"N	80° 22'17.78"E	
G	25° 44'49.12"N	80° 22'17.90"E	
H	25° 44'50.16"N	80° 22'12.60"E	
I	25° 44'53.54"N	80° 22'4.40"E	
J	25° 45'0.13"N	80° 22'6.70"E	
K	25° 44'53.64"N	80° 22'3.95"E	
L	25° 44'53.44"N	80° 22'0.85"E	
M	25° 45'0.70"N	80° 22'3.84"E	
N	25° 44'53.59"N	80° 22'0.34"E	
O	25° 44'53.65"N	80° 21'59.80"E	
P	25° 45'1.02"N	80° 22'2.56"E	
Q	25° 44'48.73"N	80° 21'10.68"E	
R	25° 44'49.49"N	80° 21'8.60"E	
17	Total Geological Reserves	12,64,500 m ³	
18	Total Mineable Reserves in LOI	5,05,800 m ³ /year	
19	Total Proposed Production	5,05,800 m ³ /year (25,29,000 m ³ in 05 years)	
20	Proposed Production/year	5,05,800 m ³	

[Handwritten signature]

E.C. for Proposed River Bed Sand/Monrnm Mining Project from Yamuna River at Khand No.- 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177, 178 MI, Village- Amlaur Khadar, Tehsil- Pailani, District- Banda, U.P., Sanctioned Lease Area: 25.29 ha, M/s Chaudhary Traders.

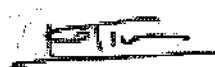
21. Sanctioned Period of Mine lease	5 years	
22. Production of mine/day	1839.28 m ³ /day	
23. Method of Mining	Opencast Semi mechanized	
24. No. of working days	275 days	
25. Working hours/day	12 hours	
26. No. Of workers	Approximately 76 labours	
27. No. Of vehicles movement/day	: 23 units	
28. Type of Land	Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	MDR(Tindwara Pailani Sumerpur Marg) :5.5 km*(E)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	1.74
	Suppression of dust	47.52
	Plantation	0.069225
	Others (Stored Water)	0.10
	Total	49.43 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster Certificate is issued by Mines Officer, Banda Letter No. 2615/Khanij-30, Banda dated 09.10.2018.	
35. Details of Lease Area in approved DSR	Page No 65; Table No. 22	
36. Proposed CER cost	2% of total project cost i.e. Rs 38,20,560/-	
37. Proposed EMP cost & Total Project Cost	Rs. 81,68,908/- & Rs. 19,10,00,000/-	
38. Length and Width of Haul Road	Unpaved Length 3.96 km and Paved Length 3.48 km and 6 m width	
39. No. of Trees to be Planted	189	

5. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time;
6. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
7. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
8. There is no litigation pending in any court regarding this project.
9. The project proposal falls under category-I(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 16/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 24/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 5,05,800 m³/year is proposed from mining lease area 25.29 ha subject to effective implementation of the following General Conditions and specific conditions:

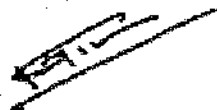
General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.



E.C. for Proposed River Bed Sand/Morram Mining Project from Yamuna River at Khand No.- 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177, 176 MI, Village- Amlaur Khadar, Tehsil- Patnani, District- Gonda, U.P., Sanctioned Lease Area: 25.29 ha, M/s Chaudhary Traders.

5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Morram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpauln or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.



27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 21-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/



I.C. for Proposed River Bed Sand/Morrum Mining Project from Yamuna River at Khani No.- 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 33, 37, 38, 40, 177, 178 Mi, Village- Amlaur Khedar, Tehsil- Pailani, District- Banda, U.P., Sanctioned Lease Area: 25.29 ha, M/s Chaudhary Traders.

representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.

44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/Insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. Pakkomotorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs 38,20,560/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Banda, U.P.
19. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.

20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/morram from the river bank only.
34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].

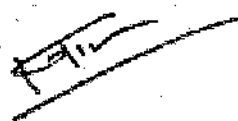


E.C. for Proposed River Bed Sand/Monum Mining Project from Yamuna River at Khand No.- 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 33, 37, 38, 40, 177, 176 Mi. Village- Amlaur Khadar, Tehsil- Pailani, District- Banda, U.P., Sanctioned Lease Area: 25.29 ha, M/s Choudhary Traders.

39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., gutkha-pouches, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment



(Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.


(Ashish Tiwari)
Member Secretary, SEIAA

Ref. No. 515 /Para/SEAC/4227/2018 Dated: As above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Banda, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.


(Ashish Tiwari)
Member Secretary, SEIAA

Minutes of 336th SEAC Meeting Date 03/05/2018

13. Proposed River Bed Sand/Morrum Mining Project from Ken River for for M/s Gyan Infrabuild Pvt. Ltd., located at Khand No.- 30/3, Village- Bhulsi, Tehsil- Maudaha, District- Hamirpur, U.P., Lease Area: 36.437 ha, File No. 4233/Proposal No. (SIA/UP/MIN /24938/2018)

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for River Bed Sand/Morrum Mining Project from Ken River at Khand No.- 30/3, Village- Bhulsi, Tehsil- Maudaha, District- Hamirpur, U.P., (Leased Area: 36.437 ha.), M/s Gyan Infrabuild Pvt. Ltd.
- 2- Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/24938/2018		
2. File No. allotted by SEIAA, UP	4233		
3. Name of Proponent	M/s Gyan Infrabuild Pvt. Ltd. Proprietor- Shri Satyendra Kumar Sharma		
4. Full correspondence address of proponent and mobile no.	M/s Gyan Infrabuild Pvt. Ltd. Proprietor- Shri Satyendra Kumar Sharma S/o Shri Bachchu Sharma R/o Village - Awaleshpur Kandwa, District - Varanasi, U.P.		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No.30/3		
7. Name of River	Ken		
8. Name of Village	Bhulsi		
9. Tehsil	Maudaha		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	36.437 ha		
13. Mineable Area (in ha)	34.437 ha		
14. Zero level mRL	87 mRL		
15. Max. & Min mrl within lease area	102 mRL and 87 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°39'6.19"N	80°18'56.21"E
	B	25°39'2.90"N	80°19'4.04"E
	C	25°39'55.25"N	80°19'0.04"E
	D	25°39'54.49"N	80°18'49.85"E
	Workable Area		
	A	25°39'6.19"N	80°18'56.21"E
	D	25°39'54.49"N	80°18'49.85"E
	E	25°39'55.08"N	80°18'57.43"E
	F	25°39'47.46"N	80°19'2.24"E
	G	25°39'40.70"N	80°19'3.88"E
	H	25°39'36.00"N	80°19'2.62"E
	I	25°39'36.05"N	80°19'4.91"E
B	25°39'2.90"N	80°19'4.04"E	
17. Total Geological Reserves	18,21,850 m ³		

18. Total Mineable Reserves in LOI	5,82,912 m ³ /year	
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	5,82,912 m ³ /year (29,14,560 m ³ in 05 years)	
20. Proposed Production/year	5,82,912 m ³	
21. Sanctioned Period of Mine lease	5 years	
22. Production of mine/day	2119.68 m ³ /day	
23. Method of Mining	Opencast manual/ Semi-mechanized	
24. No. of working days	275 days	
25. Working hours/day	12 hours	
26. No. Of workers	Approximately 52 labours	
27. No. Of vehicles movement/day	35 units	
28. Type of Land	Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	MDR (Sumerpur-Banda) : 6.5 km*(W)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.52
	Suppression of dust	12.0
	Plantation	0.09
	Others (if any)	-
	Total	12.61 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project comes under B1 category, cluster Certificate is not required.	
35. Details of Lease Area in approved DSR	Page No 63; Table No. 20	
36. Proposed CSR cost	5% of total project cost i.e. Rs7,17,997/-	
37. Proposed EMP cost & Total Project Cost	Rs. 35,97,690/- & Rs. 1,43,00,000/-	
38. Length and Width of Haul Road	1870 m Length and 6 m width	
39. No. of Trees to be Planted	182	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-I(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-13

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.

Annexure-3

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and

- NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
 21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the project should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be

- charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 43. Present position of distances of railway lines National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

1/Street Khand-1, Gomi Nagar, Lucknow - 226 010

Phone : 91-522-2300541, Fax : 91-522-2300543

E-mail : dneuplko@yahoo.com

Website : www.seiaup.in

To,

Shri Satyendra Kumar Sharma,
Owner,
Village- Lekha Nagar, Tehsil- Khagaul,
District- Patna, Bihar.

Ref. No. 165 /Parys/SEAC/4233/2018

Date: 27 June, 2018

Sub: Terms of reference for Proposed River Bed Sand/Morrum Mining Project from Ken River at Khand No.- 30/3, Village- Bhulsi, Tehsil- Maudaha, District- Hamirpur, U.P., (Leased Area: 36.437 ha.), M/s Gyan Infrabuild Pvt. Ltd.

Dear Sir,

Please refer to your application dated 19-04-2018 addressed to the Secretary SEAC/Director, Directorate of Environment, U.P. on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 03-05-2018 and SEIAA in its meeting dated 17-05-2018.

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for River Bed Sand/Morrum Mining Project from Ken River at Khand No.- 30/3, Village- Bhulsi, Tehsil- Maudaha, District- Hamirpur, U.P., (Leased Area: 36.437 ha.), M/s Gyan Infrabuild Pvt. Ltd.
- 2- Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/24938/2018
2. File No. allotted by SEIAA, UP	4233
3. Name of Proponent	M/s Gyan Infrabuild Pvt. Ltd. Proprietor- Shri Satyendra Kumar Sharma
4. Full correspondence address of proponent and mobile no.	M/s Gyan Infrabuild Pvt. Ltd. Proprietor- Shri Satyendra Kumar Sharma S/o Shri Bachchu Sharma R/o Village - Awaleshpur Kandwa, District - Varanasi, U.P.
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No.30/3
7. Name of River	Ken
8. Name of Village	Bhulsi
9. Tehsil	Maudaha
10. District	Hamirpur
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	36.437 ha
13. Mineable Area (in ha)	34.437 ha
14. Zero level mRL	87 mRL
15. Max. & Min mrl within lease area	102 mRL and 87 mRL

**TOR for River Bed Sand/Monum Mining Project from Ken River at Khond No.- 30/3, Village- Bhubai, Tehsil- Mandana,
District- Hamirpur, U.P. (Leased Area: 36.437 ha.), M/s Gyan Kobrauld Pvt. Ltd.**

16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°39'6.19"N	80°18'56.21"E
	B	25°39'2.90"N	80°19'4.04"E
	C	25°39'55.25"N	80°19'0.04"E
	D	25°39'54.49"N	80°18'49.85"E
	Workable Area		
	A	25°39'6.19"N	80°18'56.21"E
	D	25°39'54.49"N	80°18'49.85"E
	E	25°39'55.08"N	80°18'57.43"E
	F	25°39'47.46"N	80°19'2.24"E
	G	25°39'40.70"N	80°19'3.88"E
H	25°39'36.00"N	80°19'2.62"E	
I	25°39'36.05"N	80°19'4.91"E	
B	25°39'2.90"N	80°19'4.04"E	
17. Total Geological Reserves	18,21,850 m ³		
18. Total Mineable Reserves in LOI	5,82,912 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	5,82,912 m ³ /year (29,14,560 m ³ in 05 years)		
20. Proposed Production/year	5,82,912 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2119.68 m ³ /day		
23. Method of Mining	Opencast manual/ Semi-mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	235 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR (Sumerpur-Banda) : 6.5 km ^W		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	12.0	
	Plantation	0.09	
	Others (if any)	-	
	Total	12.61 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project comes under B1 category, cluster Certificate is not required.		
35. Details of Lease Area in approved DSR	Page No 63; Table No. 20		
36. Proposed CSR cost	5% of total project cost i.e. Rs7,17,997/-		

37. Proposed EMP cost & Total Project Cost	Rs. 35,97,690/- & Rs. 1,43,00,000/-
38. Length and Width of Haul Road	1870 m Length and 6 m width
39. No. of Trees to be Planted	182

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA:

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
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12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
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buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.

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16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality ($PM_{2.5}$, PM_{10} , SO_2 and NO_2), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of $PM_{2.5}$ particularly for free silica should be given.
21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
24. Details of water conservation measures proposed to be adopted in the project should be given.
25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
28. Details of rainwater harvesting proposed, if any, in the project should be provided.
29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
30. Quantity of solid waste generated to be estimated and details for its disposal and

- management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
 36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out. 15-
 43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.

TOB for River Bed Sand/Gravel Mining Project from Ken River at Khand No.- 30/3, Village- Ghulsi, Tehsil- Maudaha,
District- Hamirpur, U.P., (Leased Area: 36.437 ha.), M/s Gran InfraBuild Pvt. Ltd.

45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed in EIA reports.


This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

No /Parya/SEAC/4233/2018 Dated: As above

Copy with enclosure for information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate, Hamirpur.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Director, Geology and Mining, Govt. of U.P.
7. Copy to Web Master/ guard file.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

Minutes of the 210th Meeting of the SEIAA held on 17/05/2018

13. Proposed River Bed Sand/Morrum Mining Project from Ken River for for M/s Gyan Infrabuild Pvt. Ltd., located at Khand No.- 30/3, Village- Bhutsi, Tehsil- Maudaha, District- Hamirpur, U.P., Lease Area: 36.437 ha, File No. 4233/Proposal No. (SIA/UP/ MIN /24936/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

14. Proposed River Bed Sand/Morrum Mining Project from Ken River for M/s Silver Mist Retail Pvt. Ltd, located at Khand No.- 30/1, Village- Bhutsi, Tehsil- Maudaha, District- Hamirpur, U.P., Lease Area: 36.437 ha, File No. 4233/Proposal No. (SIA/UP/ MIN /25040/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

15. Gadhiwa Majhigawan Sand/Morrum Mining Project at Khasra No.- 177, 178 Mi, 176, 160, 159 A, 162, 161, 158, 157 Mi, 156, 155, 163 Mi, 154, 148, 146, 147, 145, 144, 143, 138, 142, 141, 139 Mi, 140 Mi, 129, Village- Gadhiwa Majhigawan, Tehsil- Khays, District- Fatehpur, U.P., Shri Daljeet Singh Lease Area: 34.00 ha, File No. 4235/Proposal No. (SIA/UP/ MIN /25595/2018)

The SEIAA agreed with the recommendations of the SEAC that the project proponent is to be asked to submit information regarding the matter as suggested by the SEAC.

16. Proposed River Bed Sand/Morrum Mining Project having lease Area: 20.242 ha (50.02 Acre) along River Betwa in Gata No.- 1396 Ga, Khand No.- 04, at Village- Bhedikhurd, Tehsil- Kalpi, District- Jalaun, U.P. Shri Anand Gupta, Lease Area: 20.242 ha, File No. 4237/Proposal No. (SIA/UP/ MIN /25608/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

17. Ram Nagar Kahan Sand/Morrum Mining Project Khand- 1 B, 36 & 15 Mi² at Village- Ram Nagar Kahan, Tehsil & District- Fatehpur, U.P., M/s Indore Property Pvt. Ltd., Lease Area: 40.48 ha, 20.242 ha, File No. 4236/Proposal No. (SIA/UP/ MIN /25610/2018)

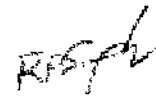
The SEIAA agreed with the recommendations of the SEAC that the project proponent is to be asked to submit information regarding the matter as suggested by the SEAC.

18. "Korra Kanak" Sand/Morrum Mining Project at Khand-03, Village-Korra Kanak, Tehsil- Sadar, District- Fatehpur,, U.P., M/s Diliyana Mining Corporation Pvt. Ltd., Lease Area: 40.48 ha, File No. 4239/Proposal No. (SIA/UP/ MIN /25616/2018)

The SEIAA agreed with the recommendations of the SEAC that the project proponent is to be asked to submit information regarding the matter as suggested by the SEAC.



Sanjay Bhandari



22. Proposed River Bed Sand/Morrum Mining Project from Ken River for M/s GyanInfrabuild Pvt. Ltd., located at Khand No.- 30/3, Village- Bhulsi, Tehsil- Maudaha, District-Hamirpur, Sanctioned Lease Area: 36.437 ha, Effective Working Area- 34.437 ha File No. 4233/Proposal No. SIA/UP/MIN/24938/2018

The SEIAA gone through the recommendation of SEAC to grant E.C. with the general and specific conditions. The SEIAA also gone through the file and noted that the case was earlier recommended by SEAC in its meeting dated 15-10-2018 for grant of EC with the comments that-

"The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting. The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled"

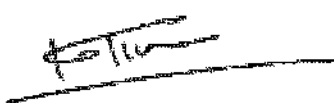
The SEIAA also noted that this matter was taken in its earlier meeting dated 05-11-2018 and was referred back to SEAC since it did not find it appropriate to issue E.C. in view of the above comments. In the mean time Hon'ble NGT ordered dated 13-11-2018 in MA no.-1622/2018 of OA no.-912/2018 that-

3-"We are of the view that this objection may be considered in the joint committee of SEIAA and SEAC in accordance with law before a decision is taken in the matter. If this objection is rejected, the reasons may be given. The applicant will be at liberty to raise this objection before the committee."

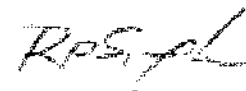
In compliance to the said order of NGT dated 13-11-2018 a joint meeting of SEAC and SEIAA was held on 14-11-2018 in which it was decided that the SEAC will again carryout appraisal of this project on the basis of individual EIA. SEAC has again carried out appraisal in its meeting dated 16-11-2018 and has recommended to grant EC with certain general and specific conditions.

The SEIAA gone through the recommendation of SEAC dated 16-11-2018 to grant EC wherein it has mentioned that the Project proponent has submitted individual EIA and also made a presentation before SEAC.

Keeping in view of the recommendation of SEAC dated 16-11-2018 again to grant EC to the titled project, SEIAA decided to go with the recommendation of SEAC along with all the general and specific conditions as suggested by the SEAC adding one specific condition-"Directions/suggestions given during public hearing and Commitment made by the project proponent ; should be strictly complied".







Directorate of Environment, U.P.

Vinod Khand-I, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : doepiko@yahoo.com

Website : www.seiaaup.in

To,

**Shri Satyendra Kumar Sharma,
Owner,
Village- Lekha Nagar, Tehsil- Khagaul,
District- Patna, Bihar- 801105**

Ref. No. 495/Parya/SEAC/4233/2018

Date: 24 November, 2018

Sub: Environmental Clearance for River Bed Sand/Morrum Mining Project from Ken River at Khand No.- 30/3, Village- Bhuisi, Tehsil- Maudaha, District-Hamirpur, (Sanctioned Lease Area: 36.437 ha), M/s Gyan Infrabuild Pvt. Ltd.

Dear Sir,

Please refer to your application/letter dated 14-04-2018, 19-04-2018, 04-10-2018 & 15-10-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 15/10/2018 & 16-11-2018.

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand/Morrum Mining Project from Ken River at Khand No.- 30/3, Village- Bhuisi, Tehsil- Maudaha, District-Hamirpur, (Sanctioned Lease Area: 36.437 ha), M/s GyanInfrabuild Pvt. Ltd.
2. The public hearing was organized on 20/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/24938/2018		
2. File No. allotted by SEIAA, UP	4233		
3. Name of Proponent	M/s Gyan Infrabuild Pvt. Ltd. Proprietor- ShriSatyendra Kumar Sharma		
4. Full correspondence address of proponent and mobile no.	M/s Gyan Infrabuild Pvt. Ltd. Proprietor- ShriSatyendra Kumar Sharma S/o ShriBachchu Sharma R/o Village - AwaleshpurKandwa, District - Varanasi, U.P.		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No.30/3		
7. Name of River	Ken		
8. Name of Village	Bhuisi		
9. Tehsil	Maudaha		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	36.437 ha		
13. Mineable Area (In ha)	34.437 ha		
14. Zero level mRL	86 mRL		
15. Max. & Min mrl within lease area	102 mRL and 87 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°39'6.19"N	80°18'56.21"E
	B	25°39'2.90"N	80°19'4.04"E
	C	25°39'55.25"N	80°19'0.04"E
	D	25°39'54.49"N	80°18'49.85"E
Workable Area			

E.C. for River Bed Sand/Morrum Mining Project from Non River at Khurd No.- 30/3, Village- Hamir, Tehsil- Morrum, District- Hamirpur, (Sanctioned Lease Area: 36.437 ha), M/s Gyantirebuild Pvt. Ltd.

	A	25°39'5.19"N	80°18'56.21"E
	D	25°39'54.49"N	80°18'49.85"E
	E	25°39'55.08"N	80°18'57.43"E
	F	25°39'47.46"N	80°19'2.24"E
	G	25°39'40.70"N	80°19'3.88"E
	H	25°39'36.00"N	80°19'2.62"E
	I	25°39'36.05"N	80°19'4.91"E
	B	25°39'2.90"N	80°19'4.04"E
	Non Workable Area		
	G	25°39'40.70"N	80°19'3.88"E
	H	25°39'36.00"N	80°19'2.62"E
	I	25°39'36.05"N	80°19'4.91"E
	F	25°39'47.46"N	80°19'2.24"E
	C	25°39'55.25"N	80°19'0.04"E
	E	25°39'55.08"N	80°18'57.43"E
17. Total Geological Reserves	18,21,850 m ³		
18. Total Mineable Reserves in LOI	5,82,912 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	5,82,912 m ³ /year (29,14,560 m ³ in 05 years)		
20. Proposed Production/year	5,82,912 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2119.68 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 75 labours		
27. No. Of vehicles movement/day	141 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR (Sumerpur-Banda) : 6.5 km ³ (W)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.89	
	Suppression of dust	17.04	
	Plantation	0.0911	
	Others (if any)	0.10	
	Total	19.12 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.30 /khanij-M-M-C- Tees- Vividh (2018-19) dated 06/04/2018		
35. Details of Lease Area in approved DSR	Page No 63; Table No. 20		
36. Proposed CER cost	2% of total project cost i.e. Rs 41,10,908/-		
37. Proposed EMP cost & Total Project Cost	Rs. 41,03,519/- & Rs. 20,55,45,430/-		
38. Length and Width of Haul Road	Unpaved Length 1.42 m and Paved Length 6.75 m and 6 m width		
39. No. of Trees to be Planted	273		

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.

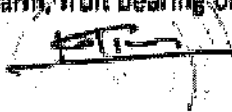


5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 15-10-2018 & 16-11-2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 22/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 5,82,912 m³/year is proposed from mining lease area 36.437 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependent on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form

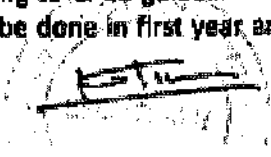


- a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
 36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.

37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

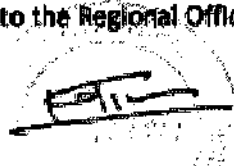
1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. Pakka motorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.



13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 41,10,908/-shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
19. Health/insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling within in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHA and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.



33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored ((TDS, DO, pH, Fecal Collform and Total Suspended Solids (TSS)).
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., gutkhapouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MOEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tahsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.

A circular stamp with a signature in the center. The signature appears to be 'P. K. Singh'. The stamp is partially obscured by the text of the list item 51.

52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced Inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along-with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2005, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.



(Ashish Tiwari)

Member Secretary, SEIAA

Ref. No. /Parya/SEAC/4233/2018 Dated: As above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.

(Ashish Tiwari)

Member Secretary, SEIAA

15. Proposed River Bed Sand Mining from Yamuna River for M/s Kunwar Infradevelopers Pvt. Ltd. located at Khand No.-16/20 to 16/22, Village- Jamunapur, Tehsil-Manjhanpur, District-Kaushambi, U.P., (Leased Area- 36.28 Ha) File No. 4061/Proposal No. (SIA/UP/MIN/21879/2018)

A presentation was made by Shri Nafees Ahmad , representative of project proponent along with their consultant M/s ENV DAS India Pvt. Ltd., Lucknow . The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Sand Mining from Yamuna River for M/s Kunwar Infra developers Pvt.Ltd. at Khand no- 16/20 to 16/22, Village- Jamunapur, Tehsil- Mankhanpur, District- Kaushambi U.P. Area- 36.25 ha.
- 2- Project Details-

NAME OF MINERAL	Sand/Morrum
NAME OF RIVER	Yamuna River
NEAREST VILLAGE	Jamunapur Kachhar
TEHSIL	Manjhanpur
DISTRICT	Kaushambi
STATE	Uttar Pradesh
LAESE AREA	Sanctioned Lease Area: 36.28 ha Effective Working Area: 27.30 ha
MAX. & MIN MRL WITHIN LEASE REA	84 mRL & 76 mRL
LATITUDE	25°25'19.80"N to 25°25'44.33"N
LONGITUDE	81° 8'59.20"E to 81° 9'35.52"E
ML AREA	27 30 ha
TOTAL GEOLOGICAL RESERVE	36 28,000 m3/annum
TOTAL MINEABLE RESERVE	10,88,400 m3/annum
Production capacity as per Mine Plan approved on 23.01.2018	7,28,000 m3/annum (36,40,000 m3 in 05 years.)
Production capacity as per Letter of Intent Dated 12.12.2017	7,28,000 m3/annum
Production capacity as per Form-1, PFR & EMP and presentation submitted to SEAC UP	7,28,000 m3/annum (36,40,000 m3 in 05 years.)
LIFE OF MINE	05 years
TYPE OF LAND	Non- agricultural land
METHOD OF MINING	Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none"> • Scraper/light earth movers • Loader • truck & tractors for transportation • Chained bulldozer for rescue and salvage.

ULTIMATE DEPTH OF MINING	3 m	
WATER REQUIREMENT	PURPOSE	REQUIREMENT (KLD)
	DRINKING & OTHERS	0.52
	SUPPRESSION OF DUST	9.0
	PLANTATION	0.092
	TOTAL	9.61
PROPOSED PRODUCTION/YEAR	7,28,000 m ³ /annum (36,40,000 m ³ in 05 years.)	
NO. OF WORKING DAYS	275	
PER DAY PRODUCTION FROM MINE	2647.2 m ³ /day	
WORKING HOURS PER DAY	12	
NO. OF WORKERS	At least: 52	
NO. OF TRUCKS MOVEMENT/ DAY	294	
NEAREST METALLED ROAD FROM SITE	SH 94 (Suratganj-rajapur) : 1.90 km* (SE)	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-15

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA:

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. ~~Certificate from Mining Officer that there is no other mining area exist within 500 m periphery.~~
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.

7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality ($PM_{2.5}$, PM_{10} , SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the predominant downwind direction. The mineralogical composition of PM_{10} particularly for free

- silica should be given.
21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the project should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation

- should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

reflected in each E.C. in that cluster and SEAC shall ensure that the mitigative majors emanating from the Environment Impact Assessment (EIA) study are fully reflected as environmental clearance conditions. In the present case the SEAC has not ascertained whether cluster situation has arisen are not. So it becomes necessary on the basis of the standard procedure laid down in EIA notification that SEAC must ascertain whether cluster is formed and EIA is necessary or not. Hence, the project is referred back to SEAC.

12. Sand/ Morrum from river bed of Yamuna, at Zone No./ Gata No./ Khand No.-15/43 and 15/44, Area 24.28 Ha(60.00 Acres), at Village- Mahewa, Tehsil- Manjhanpur, District-Kaushambi, U.P., (Leased Area-24.28)M/s Rajesh Enterprises, File No. 4041/Proposal No. (SIA/UP/MIN/72558/2018)

The SEIAA noted that a letter has been addressed to Chairman, SEIAA date 26/02/2018 regarding input of some project related information by the project proponent in which the project proponent has requested to defer the case until the request is made in this regard. In the view of the above the SEIAA deferred the case.

13. Mining of "Sand" (Minor Mineral),M.L. Area- 44.064 Ha, at Gata No.- 108/1, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, at Village- Nai Nagla, Manglaura Jadid, Tehsil- Uun (Kairana), District-Shamli, U.P.(Leased Area-44.064 Hac.) Shri Jagjeet Sen File No. 4049/Proposal No. (SIA/UP/MIN/21803/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

14. Proposed river bed Sand/ Morrum Mining from Yamuna River for M/s Eureka Mines and Minerals LLP located at Gata No.-1598 Cha, Village- Samuhi, Tehsil- Ghatampur, District-Kanpur Nagar, (Leased Area-27.5 Hac.) File No. . 4050/Proposal No. (SIA/UP/MIN/21868/2018)

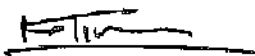
The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

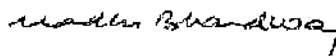
15. Proposed River Bed Sand Mining from Yamuna River for M/s Kunwar Infradevelopers Pvt. Ltd. located at Khand No.-16/20 to 16/22, Village- Jamunapur, Tehsil-Manjhanpur, District-Kaushambi, U.P., (Leased Area-36.28 Ha) File No. 4061/Proposal No. (SIA/UP/MIN/21879/2018)

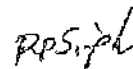
The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

16. Proposed 'River Bed Ordinary Sand Mining at River Jauraha' Project at Gata No.- 947, Village-Manjha, Tehsil- Nighasan, District- Kheri, U.P.(Leased Area-11.809 hac.) Shri Harprit Singh Dhaliwal File No. 3975/Propose' No. (SIA/UP/MIN/72201/2018)

The SEIAA agreed with the recommendations of the SEAC that the project proponent is to be asked to submit information regarding the matter as suggested by the SEAC.







State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vinay Khand-1, Gomti Nagar, Lucknow - 226 010

Phone: 91-522-2300 541, Fax: 91-522-2300 543

E-mail: doeuplko@yahoo.com

Website: www.seiaaup.in



To,

**Shri Nafees Ahmad,
Owner,
H.No. 1/47, Naim Khand Hata,
Sadar Bazar Cantt., Ahmadpur Urf Kambapur,
District-Lucknow-226002**

Ref. No.....11...../Parya/SEAC/4061/2018

Date: ^{11/5/18} March, 2018

Sub: Terms of reference for proposed River Bed Sand Mining from Yamuna River at Khand No.-16/20 to 16/22, Village- Jamunapur, Tehsil-Manjhanpur, District-Kaushambi, U.P., (Leased Area-36.28 Ha), M/s Kunwar Infradevelopers Pvt. Ltd.

Dear Sir,

Please refer to your application dated 13-02-2018 addressed to the Secretary SEAC/Director, Directorate of Environment, U.P. on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 22-02-2018.

A presentation was made by Shri Nafees Ahmad, representative of project proponent along with their consultant M/s ENV DAS India Pvt. Ltd., Lucknow. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Sand Mining from Yamuna River for M/s Kunwar Infra developers Pvt.LTd. at Khand no- 16/20 to 16/22, Village- Jamunapur, Tehsil- Mankhanpur, District- Kaushambi, U.P. Area- 36.25 ha.
- 2- Project Details-

NAME OF MINERAL	Sand/Morrum
NAME OF RIVER	Yamuna River
NEAREST VILLAGE	Jamunapur Kachhar
TEHSIL	Manjhanpur
DISTRICT	Kaushambi
STATE	Uttar Pradesh
LEASE AREA	Sanctioned Lease Area: 36.28 ha Effective Working Area: 27.30 ha
MAX. & MIN MRL WITHIN LEASE REA	84 mRL & 76 mRL
LATITUDE	25°25'19.80"N to 25°25'44.33"N
LONGITUDE	81° 8'59.20"E to 81° 9'35.52"E
ML AREA	27.30 ha
TOTAL GEOLOGICAL RESERVE	36,28,000 m ³ /annum
TOTAL MINEABLE RESERVE	10,88,400 m ³ /annum
Production capacity as per Mine Plan approved on 23.01.2018	7,28,000 m ³ /annum (36,40,000 m ³ in 05 years.)
Production capacity as per Letter of Intent Dated 12.12.2017	7,28,000 m ³ /annum
Production capacity as per Form-1, PFR &	7,28,000 m ³ /annum (36,40,000 m ³ in 05

TOR for proposed River Bed Sand Mining from Yamuna River at Khand No.-16/20 to 16/22, Village- Jaminapur, Tehsil-Manihannur, District-Kaushambi, U.P., (Leased Area-36.28 Ha), M/s Kunwar Infra-developers Pvt. Ltd.

EMP and presentation submitted to SEAC UP	years.)	
LIFE OF MINE	05 years	
TYPE OF LAND	Non- agricultural land	
METHOD OF MINING	Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none"> • Scraper/light earth movers • Loader • truck & tractors for transportation • Chained bulldozer for rescue and salvage. 	
ULTIMATE DEPTH OF MINING	3 m	
WATER REQUIREMENT	PURPOSE	REQUIREMENT (KLD)
	DRINKING & OTHERS	0.52
	SUPPRESSION OF DUST	9.0
	PLANTATION	0.092
	TOTAL	9.61
PROPOSED PRODUCTION/YEAR	7,28,000 m ³ /annum (36,40,000 m ³ in 05 years.)	
NO. OF WORKING DAYS	275	
PER DAY PRODUCTION FROM MINE	2647.2 m ³ /day	
WORKING HOURS PER DAY	12	
NO. OF WORKERS	At least: 52	
NO. OF TRUCKS MOVEMENT/ DAY	294	
NEAREST METALLED ROAD FROM SITE	SH 94 (Suratganj-rajapur) : 1.90 km ⁰ (SE)	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA:

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District

TOR for proposed River Bed Sand Mining from Yamuna River at Khand No.-16/20 to 16/22, Village- Jamunapur, Tehsil-Manhanpur, District-Kaushambi, U.P., (Leased Area-36.78 Ha), M/s Kunwar Infradevelopers Pvt. Ltd.

- Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
 6. Public hearing to be conducted as per EIA Notification, 2006.
 7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
 8. Approved mining plans for all the mining projects.
 9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
 10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
 11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
 12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
 13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
 14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
 15. Impact of change of land use should be given.
 16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
 17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
 18. 02 km kachcha haul road to be made motorable. Submit Plan.
 19. One season (Non Monsoon) primary baseline data on ambient air quality ($PM_{2.5}$, PM_{10} , SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations

TOR for proposed River Bed Sand Mining from Yamuna River at Khand No.-15/20 to 16/22, Village- Jamunapur, Tehsil-Manihampur, District-Kaushambi, U.P., (Leased Area-36.28 Ha), M/s Kunwar InfraDevelopers Pvt. Ltd.

should be justified.

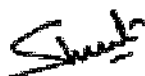
20. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM_{10} particularly for free silica should be given.
21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
24. Details of water conservation measures proposed to be adopted in the project should be given.
25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
28. Details of rainwater harvesting proposed, if any, in the project should be provided.
29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
33. Details of the infrastructure facilities to be provided for the mine workers should be

TOR for proposed River Bed Sand Mining from Yamuna River at Khand No.-16/20 to 16/22, Village- Jamunapur, Tehsil-Manjhanpur, District-Kaushambi, U.P., (Leased Area-26.28 Ha), M/s Kurwar Infra-developers Pvt. Ltd.

- included in the EIA report.
34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
 36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

**TOR for proposed River Bed Sand Mining from Yamuna River at Khand No.-15/20 to 16/22, Village- Jamunapur,
Tehsil-Marjhanpur, District-Kaushambi, U.P., (Leased Area-86.28 Ha), M/s Kuravar InfraDevelopers
Pvt. Ltd,**


This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

No /Parva/SEAC/4061/2018 Dated: As above

Copy with enclosure for information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate, Kaushambi.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Director, Geology and Mining, Govt. of U.P.
7. Copy to Web Master/ guard file.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scaiping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 29,66,931/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Kaushambi, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

20. Proposed River Bed Sand/Morrum Mining Project from Yamuna River for M/s Kunwar Infradevelopers Pvt. Ltd., at Khand No.-16/20 to 16/22, Village- Jamunapur, Tehsil-Manjhanpur, Distt-Kaushambi, (Leased Area-36.28 Ha) File No. 4061/Proposal No.SIA/UP/NCP/21879/2018

RESOLUTION AGAINST AGENDA NO-20

The case was considered in 364th SEAC meeting dated 16/10/2018 wherein, after a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

This matter was placed before SEIAA in its meeting dated 06/11/2018 and decided that:-

"The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the SEIAA meeting. However, the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint

Minutes of 372nd SEAC Meeting Dated 16/11/2018

meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018.”

The joint meeting of SEIAA and SEAC was held on 14/11/2018 and its minutes were uploaded on website www.seiaaup.in. The committee considered the case in compliance of joint meeting decision dated 14/11/2018. The committee noted that proponent/consultant has submitted individual EIA for the titled project. A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand/Morrum Mining Project from Yamuna River at Khand No.-16/20 to 16/22, Village-Jamunapur, Tehsil-Manjhanpur, Distt-Kaushambi, (Leased Area-36.28 Ha), M/s Kunwar Infradevelopers Pvt. Ltd.
2. The public hearing was organized on 24/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/21879/2018		
2. File No. allotted by SEIAA, UP	4061		
3. Name of Proponent	M/s Kunwar Infradevelopers Pvt.Ltd. Shri Nafees Ahmad		
4. Full correspondence address of proponent and mobile no.	M/s Kunwar Infradevelopers Pvt.Ltd. Propriet.- Shri Nafees Ahmad, R/o H.no.1/47,Naim Khan Hata,Sadar bazaar Cantt., Ahmadpur Urf Kamlapur, District-Lucknow,Uttar Pradesh. 226002		
5. Name of Project	Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 16/20 to 16/22		
7. Name of River	Yamuna River		
8. Name of Village	Jamunapur		
9. Tehsil	Manjhanpur		
10. District	Kaushambi		
11. Name of Minor Mineral	Morrum		
12. Sanctioned Lease Area (in ha)	36.28 ha		
13. Mineable Area (in ha)	36.28 ha		
14. Zero level mRL	75 mRL		
15. Max. & Min mrl within lease area	84 mRL and 76 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	25°25'44.33"N	81° 9'11.31"E
	B	25°25'30.24"N	81° 9'35.52"E
	C	25°25'19.80"N	81° 9'28.68"E
	D	25°25'33.67"N	81° 8'59.20"E
17. Total Geological Reserves	18,14,000 m ³		
18. Total Mineable Reserves in LOI	10,88,400 m ³ /year		
19. Total Proposed Production	7,28,400 m ³ /year (36,42,000 m ³ in 05 years)		
20. Proposed Production/year	7,28,400 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2648.7 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 75 labours		
27. No. Of vehicles movement/day	176 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		

30. Nearest metalled road from site	NH 86(Kanpur –Dewas) : 12.0 km*(N)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	2.03
	Suppression of dust	7.14
	Plantation	0.091
	Others (Stored water)	0.10
	Total	9.36 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EI V/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer		
35. Details of Lease Area in approved DSR	Page No 21, S No.116	
36. Proposed CER cost	2% of total project cost i.e. Rs.47,15,716/-	
37. Proposed EMP cost/ Total Project Cost	Rs 27,40,467/- & 23,57,85,808/-	
38. Length and Width of Haul Road	Unpaved Length 0.51km and Paved Length 1.35 km and 7 m width	
39. No. of Trees to be Planted	272	

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 1 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:

- 1- Pakka motorable haul road to be maintained by the project proponent.
- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.

- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 47,15,716/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Kaushambi, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

21. Proposed River Bed Sand/Morrum Mining from Betwa River for M/S Rama Traders located at Khand No.- 9/3 , Village-Kandaur, Tehsil- Hamirpur, District- Hamirpur, U.P., Sanctioned Lease Area- 30.769 ha, Effective Working Area- 221.30 ha File No. 4070/Proposal No. SIA/UP/MIN/21922/2018

RESOLUTION AGAINST AGENDA NO-21

The case was considered in 366th SEAC meeting dated 22/10/2018 wherein, after a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

The joint meeting of SEIAA and SEAC was held on 14/11/2018 and its minutes were uploaded on website www.seiaaup.in. The committee considered the case in compliance of joint meeting decision dated 14/11/2018. The committee noted that proponent/consultant has submitted individual EIA for the titled project. A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

Annexure-1

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM
MINING PROPOSALS**

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.

18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.

34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of

- the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
 16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
 17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
 18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
 19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
 20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
 21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
 22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
 23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
 24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
 25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
 26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
 27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
 28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
 29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

8. Proposed River Bed Sand/Merrum Mining Project from Yamuna River for M/s Kunwar Infradevelopers Pvt. Ltd., at Khand No.-16/20 to 16/22, Village- Jamunapur, Tehsil-Manjhaupur, Distt-Kaushambi, (Leased Area-36.28 Ha) File No. 4061/Proposal No.SIA/UP/NCP/21879/2018

The SEIAA gone through the recommendation of SEAC to grant E.C. with the general and specific conditions. The SEIAA also gone through the file and noted that the case was earlier recommended by SEAC in its meeting dated 16-10-2018 for grant of EC with the comments that-

"The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting. The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled"


The SEIAA also noted that this matter was taken in its earlier meeting dated 06-11-2018 and was referred back to SEAC since it did not find it appropriate to issue E.C. in view of the above comments. In the mean time Hon'ble NGT ordered dated 13-11-2018 in MA no.-1622/2018 of OA no.-912/2018 that-

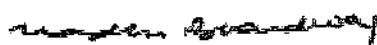
3-*"We are of the view that this objection may be considered in the joint committee of SEIAA and SEAC in accordance with law before a decision is taken in the matter. If this objection is rejected, the reasons may be given. The applicant will be at liberty to raise this objection before the committee."*

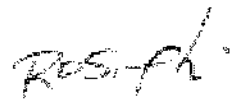
In compliance to the said order of NGT dated 13-11-2018 a joint meeting of SEAC and SEIAA was held on 14-11-2018 in which it was decided that the SEAC will again carryout appraisal of this project on the basis of individual EIA. SEAC has again carried out appraisal in its meeting dated 16-11-2018 and has recommended to grant EC with certain general and specific conditions.

The SEIAA gone through the recommendation of SEAC dated 16-11-2018 to grant EC wherein it has mentioned that the Project proponent has submitted individual EIA and also made a presentation before SEAC.

Keeping in view of the recommendation of SEAC dated 16-11-2018 again to grant EC to the titled project, SEIAA decided to go with the recommendation of SEAC along with all the general and specific conditions as suggested by the SEAC adding one specific condition-
"Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied".







Directorate of Environment, U.P.

Vineet Khand-1, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : docuplko@yahoo.com

Website : www.seiaup.in

To,

Shri Nafees Ahmad,
Owner,
H.No. 1/47, Naim Khan Hata,
Sadar Bazar Cantt. Ahmadpur Urf Kamlapur,
District- Lucknow-226002

Ref. No. 510 /Para/SEAC/4061/2018Date: 24 November, 2018

Sub: Environmental Clearance for River Bed Sand/Morrum Mining Project from Yamuna River at Khand No.-16/20 to 16/22, Village-Jamunapur, Tehsil-Manjhanpur, Distt-Kaushambi, (Leased Area-36.28 Ha), M/s Kunwar Infradevelopers Pvt. Ltd.

Dear Sir,

Please refer to your application/letter dated 13-02-2018, 04-10-2018, 15-10-2018 & 22-11-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 16/10/2018 & 16-11-2018.

A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand/Morrum Mining Project from Yamuna River at Khand No.-16/20 to 16/22, Village-Jamunapur, Tehsil-Manjhanpur, Distt-Kaushambi, (Leased Area-36.28 Ha), M/s Kunwar Infradevelopers Pvt. Ltd.
2. The public hearing was organized on 24/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/21879/2018		
2. File No. allotted by SEIAA, UP	4061		
3. Name of Proponent	M/s Kunwar Infradevelopers Pvt.Ltd. Shri Nafees Ahmad		
4. Full correspondence address of proponent and mobile no.	M/s Kunwar Infradevelopers Pvt.Ltd. Proprietor- Shri Nafees Ahmad, R/o H.no.1/47,Naim Khan Hata,Sadar bazaar Cantt., Ahmadpur Urf Kamlapur, District- Lucknow,Uttar Pradesh. 226002		
5. Name of Project	Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 16/20 to 16/22		
7. Name of River	Yamuna River		
8. Name of Village	Jamunapur		
9. Tehsil	Manjhanpur		
10. District	Kaushambi		
11. Name of Minor Mineral	Morrum		
12. Sanctioned Lease Area (in ha)	36.28 ha		
13. Mineable Area (in ha)	36.28 ha		
14. Zero level mRL	75 mRL		
15. Max. & Min mrl within lease area	84 mRL and 76 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	25°25'44.33"N	81°9'11.31"E
	B	25°25'30.24"N	81°9'35.52"E

Signature

	C	25°25'19.80"N	81°9'28.68"E
	D	25°25'33.67"N	81°8'59.70"E
17. Total Geological Reserves	18,14,000 m ³		
18. Total Mineable Reserves in LOI	7,28,400 m ³		
19. Total Proposed Production	7,28,400 m ³		
20. Proposed Production/year	7,28,400 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2648.7 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 75 labours		
27. No. Of vehicles movement/day	176 units		
28. Type of Land	Non - Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	NH 86(Kanpur -Dewas) : 12.0 km (N)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	2.03	
	Suppression of dust	7.14	
	Plantation	0.091	
	Others (Stored water)	0.10	
	Total	9.36 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0178 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer			
35. Details of Lease Area in approved DSR	Page No 21, S No.116		
36. Proposed CER cost	2% of total project cost i.e. Rs.47,15,716/-		
37. Proposed EMP cost/ Total Project Cost	Rs.27,40,467/- & 23,57,55,808/-		
38. Length and Width of Haul Road	Unpaved Length 0.51km and Paved Length 1.35 km and 7 m width		
39. No. of Trees to be Planted	272		

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 16-10-2018 & 16/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 23/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 7,28,400 m³/year is proposed from mining lease area 36.28 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.

[Handwritten Signature]

3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPCCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the



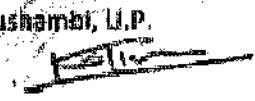
- SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZillaParisad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponents regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
 36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
 37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
 38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
 39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
 40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
 41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
 42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health




- surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
 44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
 45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
 46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
 47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
 48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied.
2. Pakkamotorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 47,15,716/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA,III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Kaushambi, U.P.



19. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling within in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C. issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.



38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be



cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along-with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.



(Ashish Tiwari)
Member Secretary, SEIAA

Ref. No. /Parya/SEAC/4061/2018 Dated: As above

Copy for Information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indra Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Kaushambi, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.

(Ashish Tiwari)
Member Secretary, SEIAA

Minutes of 344th SEAC Meeting Dated 08/06/2018**7. Proposed River bed Sand/Morrum Mining Project from Betwa River for M/s Senvin Infrastruction Pvt. Ltd., located at Khand No. 22/15, Village - Rirua Basaria, Tehsil - Sarila, District - Hamirpur, U.P., Shri Ramesh Chandra Mishra, Lease Area -24.291 Ha., File No. 4322/Proposal No. (SIA/UP/ MIN /26229/2018)**

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd., Lucknow. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for proposed River bed Sand/Morrum Mining Project from Betwa River at Khand No. 22/15, Village - Rirua Basaria, Tehsil - Sarila, District - Hamirpur, U.P., (Leased Area-24.291 Ha.), M/s Senvin Infrastruction Pvt. Ltd.
- 2- Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/26229/2018																																																												
2. File No. allotted by SEIAA, UP	4322																																																												
3. Name of Proponent	M/s Sanewin Infrastructure Pvt. Ltd. Authorized Signatory- Shri Ramesh Chandra Mishra																																																												
4. Full correspondence address of proponent and mobile no.	M/s Sanewin Infrastructure Pvt. Ltd. Authorized Signatory- Shri Ramesh Chandra Mishra R/o H.No. Branch-06, Sarojini Naidu Marg, District - Lucknow, Uttar Pradesh																																																												
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17. Total Geological Reserves	12,14,550 m ³																																																												

Minutes of 344th SEAC Meeting Dated 08/06/2018

18. Total Mineable Reserves in LOI	3,88,608 m ³ /year	
19. Total Proposed Production	19,43,040 m ³ in 05 years	
20. Proposed Production/year	3,88,608 m ³ /year	
21. Sanctioned Period of Mine lease	5 years	
22. Production of mine/day	1413.12 m ³	
23. Method of Mining	Opencast manual/Semi mechanized	
24. No. of working days	275 days	
25. Working hours/day	12 hours	
26. No. Of workers	Approximately 52 labours	
27. No. Of vehicles movement/day	141 units	
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	MDR (Kalpi- Dgawa- Ratha Marg): 2.50 km*(W)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.52
	Suppression of dust	14.88
	Plantation	0.50
	Others (if any)	-
	Total	15.90 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.364/khanij-M-M-C- Tees- Vividh (2017-18) dated 28/05/2018.	
35. Details of Lease Area in approved DSR	Page No 63; Table No.20	
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,10,082/-	
37. Proposed EMP cost/ Total Project Cost	Rs 33,05,195/- & 1,42,00,000/-	
38. Length and Width of Haul Road	1240 m Length and 6 m width	
39. No. of Trees to be Planted	121	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-07

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes. The committee also stipulated following conditions:

1. Air & Noise quality data of the particular mining lease should be carried out at least 04 locations within a radius of 01 K.M.
2. Specific information related to water & soil quality, flora & fauna within the lease area should also be provided in EIA report.
3. Haul road study related to air quality monitoring mitigation programme shall be provided.

Annexure-3

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CER cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left unworked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and

- NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
 21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the project should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be

- charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.
 Floor: Khand-1, Gomti Nagar, Lucknow - 226 010
 Phone : 91-522-2300 541, Fax : 91-522-2300 543
 E-mail : docupdio@yahoo.co.in
 Website : www.seiaaup.in

To,
Shri Dinesh Pratap Singh,
Director,
Branch - 6, Sarojini Naidu Marg,
Tehsil & District - Lucknow, Uttar Pradesh

Ref. No. 309 /Para/SEAC/4322/2017

Date: 30 July, 2018

Sub: Terms of Reference for Proposed River bed Sand/Morrum Mining Project from Betwa River at Khand No. 22/15, Village - Rirua Basaria, Tehsil - Sarila, District - Hamirpur, U.P., (Leased Area-24.291 Ha.), M/s Sanwin Infrastructure Pvt. Ltd.

Dear Sir,

Please refer to your application/letter dated 25-05-2018 & 29-05-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 08-06-2018 and SEIAA in its meeting dated 04-07-2018.

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd., Lucknow. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for proposed River bed Sand/Morrum Mining Project from Betwa River at Khand No. 22/15, Village - Rirua Basaria, Tehsil - Sarila, District - Hamirpur, U.P., (Leased Area-24.291 Ha.), M/s Sanwin Infrastructure Pvt. Ltd.

2- Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/26229/2018					
2. File No. allotted by SEIAA, UP	4322					
3. Name of Proponent	M/s Sanwin Infrastructure Pvt. Ltd. Authorized Signatory- Shri Ramesh Chandra Mishra					
4. Full correspondence address of proponent and mobile no.	M/s Sanwin Infrastructure Pvt. Ltd. Authorized Signatory- Shri Ramesh Chandra Mishra R/o H.No. Branch-06, Sarojini Naidu Marg, District - Lucknow, Uttar Pradesh					
5. Name of Project	Sand/Morrum Mining					
6. Project location (Plot/Khasra/Gata No.)	22/15					
7. Name of River	Betwa					
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9. Tehsil	Sarila					
10. District	Hamirpur					
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TOR for proposed River bed Sand/Marum Mining Project from Betwa River at Khand No. 22/15, Village - Rirua Basaria, Tehsil - Suruli, District - Hamirpur, U.P., (Leased Area-24.251 Ha.), M/s Sevin Infrastructure Pvt. Ltd.

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	F	25°55'17.24"N	79°41'5.35"E
	E	25°55'10.63"N	79°40'56.90"E
17. Total Geological Reserves	12,14,550 m ³		
18. Total Mineable Reserves in LOI	3,88,608 m ³ /year		
19. Total Proposed Production	19,43,040 m ³ in 05 years		
20. Proposed Production/year	3,88,608 m ³ /year		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1413.12 m ³		
23. Method of Mining	Opencast manual/Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	141 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR (Kalpi- Dgawa- Ratha Marg); 2.50 km*(W)		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.52
	Suppression of dust		14.88
	Plantation		0.50
	Others (if any)		
	Total		15.90 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.364/khanij-M-M-C- Tees- Vividh (2017-18) dated 28/05/2018		
35. Details of Lease Area in approved DSR	Page No 63; Table No.20		
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,10,082/-		
37. Proposed EMP cost/ Total Project Cost	Rs 33,05,195/- & 1,42,00,000/-		

TOR for proposed River bed Sand/Morrum Mining Project from Betwa River at Khand No. 22/15, Village - Nirua Basmira, Tehsil - Sarila, District - Hamirpur, U.P., (Leased Area-24.291 Ha.), M/s Servit Infrastructure Pvt. Ltd.

38. Length and Width of Haul Road	1240 m Length and 6 m width
39. No. of Trees to be Planted	121

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.

The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue following terms of reference (TOR) for the preparation of EIA.

1. Air & Noise quality data of the particular mining lease should be carried out at least 04 locations within a radius of 01 KM.
2. Specific information related to water & soil quality, flora & fauna within the lease area should also be provided in EIA report.
3. Haul road study related to air quality monitoring mitigation programme shall be provided.
4. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
5. Certificate from Mining Officer that there is no other mining area exist within 500 m periphery.
6. CSR cost to be calculated for individual lease.
7. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
8. The lab conducting the analysis should be authenticated and registered.
9. Public hearing to be conducted as per EIA Notification, 2006.
10. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
11. Approved mining plans for all the mining projects.
12. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
13. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
14. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
15. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
16. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
17. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic

flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.

18. Impact of change of land use should be given.
19. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
20. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
21. 02 km kachcha haul road to be made motorable. Submit Plan.
22. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO₂ and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAO data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
23. There should be at least one monitoring station within 500 m of the mine lease in the predominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
24. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
25. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
26. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
27. Details of water conservation measures proposed to be adopted in the project should be given.
28. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
29. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
30. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
31. Details of rainwater harvesting proposed, if any, in the project should be provided.
32. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
33. Quantity of solid waste generated to be estimated and details for its disposal and

- management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
34. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 35. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 36. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 37. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 38. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
 39. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 40. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 41. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 42. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 43. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 44. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 45. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 46. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 47. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 48. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.

49. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
50. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
51. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.


This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

No. /Parva/SEAC/4322/2018 Dated: As above

Copy with enclosure for information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Allaganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Allaganj, Lucknow.
4. District Magistrate, Hamirpur.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Copy to Web Master/ guard file.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

Minutes of the 218th Meeting of the SEIAA held on 04/07/2018

7. Proposed River bed Sand/Morrum Mining Project from Betwa River for M/s Senvin Infrastructure Pvt. Ltd., located at Khand No. 22/15, Village - Rirua Basaria, Tehsil - Sarila, District - Hamirpur, U.P., Shri Ramash Chandra Mishra, Lease Area -24.291 Ha., File No. 4322/Proposal No. (SIA/UP/ MIN /26229 /2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

8. Proposed River bed Sand/Morrum Mining Project from Ghaghra River for M/s Laxmi Devi located at Khand No.-02, (Gata No.-498 Ha) Village- Udhaiya, Tehsil- Ramnagar, District- Barabanki,U.P., M/s Laxmi Devi, Lease Area:29.65 Acres(12 ha), File No. 4241/Proposal No. (SIA/UP/ MIN /25656/2018)

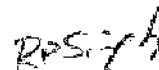
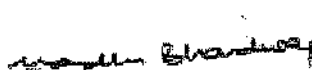
The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

9. Proposed river bed sand/Morrum Mining Project from Yamuna River for M/s Maa Raktdantika Contractors and Suppliers Pvt. Ltd. located at Khand No.- 2, Village- Daulatpur Kachhar, Tehsil- Bhognipur, District- Kanpur Dehat, U.P., Working Area- 9.65 ha, Sanctioned Lease Area- 12.15 ha. File No. 4058/Proposal No. (SIA/UP/ MIN /72701/2018)

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC but the SEIAA replaces the specific conditions no-2 of annexure-2 as "if in future during the progressive mining this lease area becomes part of cluster i.e. area equal to or more than 25 ha., limited to B-1 category, then additional conditions based on the EIA conducted by the concerned lease holders shall be imposed and joint EMP shall be implemented. The lease holder shall mandatorily follow all the imposed conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per the law shall be initiated against the authority issuing the cluster certificate". SEIAA also noted that EC is being granted for annual production of 1,94,400 m³/year of sand/Morrum as per LOI.

10. Proposed Group Housing Project "Phoenix Manssions" at Khasra No.- 290 (Part), 291 (Part), 294 (1/4), 295, 296, 235 (Part), 348 (Part), Village- Pasonda, Tehsil- Loni, District- Ghaziabad,U.P., M/s AAA Infraheight Pvt. Ltd., File No. 4058/Proposal No. (SIA/UP/ NCP /72745/2018)

The SEIAA gone through the SEAC recommendations regarding the matter and noted that the project proponent did not appear in the SEAC meeting, so that the recommendation of the SEAC to close the case is accepted. It can be reopened, only if a request to this effect is received from the project proponent. The file shall not be treated as pending. The SEIAA agreed with the recommendation of SEAC.



Minutes of the 218th Meeting of the SEIAA held on 04/07/2018

discussed in the meeting. The following decisions were taken –

1. Proposed River bed Sand/Morrum Mining Project from Ganga River at Khand No.-1 Gata No.- 2/1 (Area-7.40 Ha) in Cluster located at Village- Unchgaon Khadar, Tehsil -Debai, District- Bulandshahar,U.P., Shri. Dayashanker Dixit, File No. 4303/Proposal No. (SIA/UP/ MIN /26110/2018)

The SEIAA gone through the SEAC recommendations regarding the matter and noted that the project proponent did not appear in the SEAC meeting, so that the recommendation of the SEAC to close the case is accepted. It can be reopened, only if a request to this effect is received from the project proponent. The file shall not be treated as pending. The SEIAA agreed with the recommendation of SEAC.

2. Proposed River bed Sand/Morrum Mining Project from Betwa River for/s Sanewin Infrastructure Pvt. Ltd. located at Khand No.- 26/7, Village-Chandwari Ghurouli, Tehsil-Sarila, District- Hamirpur, U.P., Sanctioned Lease Area-36.437 ha, File No. 4304/Proposal No. (SIA/UP/ MIN /26125/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

3. Proposed River Ordinary Sand Mining Project for an Area- 22.76 Acre(9.216 ha) Khand No.- 02, Gata No.- 2/1, Village - Unchagaon Khadar, Tehsil - Debai, District – Bulandshahar, U.P., Shri Jhendra Singh, Area 9.216 Ha, File No. 4309/Proposal No. (SIA/UP/ MIN /26128/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

4. Area- 84.0 Acre (36.00 Ha) For River Sand/ Morrum Mining Project at Khand No. G.M-02, Gata No. 127, 128, 130, 126, 125, 123, 124, 122, 121, 108, 97, 96, 95, 112, 99, 98, 93, 94, 129, 132, 140, Village - Gadhiwa Majhigawa, Tehsil- Khaga, District - Fatehpur U.P., M/s Sainik Foods Pvt.Ltd., Area 34.00 Ha File No. 4312/Proposal No. (SIA/UP/ MIN /26162/2018)

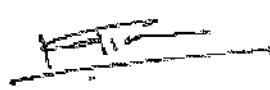
The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

5. Proposed River bed Sand/Morrum Mining Project from Betwa River for Shri Atikurrahman located at Khand No.-22/14, Village-Rirua Basaria, Tehsil-Sarila, District - Hamirpur,U.P., Sanctioned Lease Area - 24.291 ha, File No. 4317/Proposal No. (SIA/UP/ MIN /26178/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

6. Area- 90.0 Acre (36.437 Ha) Effective Workable Area- 80.12 Acrea (32.44 Ha) River Sand/Morrum Mining Project at Khand No./Gata No.-24/18, Village- Chikasi, Tehsil-Sarila, District - Hamirpur, U.P., M/s Khajuraho Motors Pvt.Ltd. Lease Area-36.437 Ha, File No. 4318/Proposal No. (SIA/UP/ MIN /26181/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.



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7. Proposed Riverbed Sand/Morrum Mining Project from Betwa River of M/s Senvin Infrastructure Pvt. Ltd. located at Khand No. 22/15, Village- RiruaBasaria, Tehsil-Sarila, District-Hamirpur, Sanctioned Lease Area -24.291 Ha., Effective Working Area: 16.131 Ha File No. 4322/Proposal No. SIA/UP/MIN/26229/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Riverbed Sand/Morrum Mining Project from Betwa River at Khand No. 22/15, Village- RiruaBasaria, Tehsil-Sarila, District-Hamirpur, U.P. (Sanctioned Lease Area -24.291 Ha), M/s Senvin Infrastructure Pvt. Ltd.
2. The public hearing was organized on 19/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/26229/2018																																																														
2. File No. allotted by SEIAA, UP	4322																																																														
3. Name of Proponent	M/s Senewin Infrastructure Pvt. Ltd. / Proprietor- Shri Dinesh Pratap Singh																																																														
4. Full correspondence address of proponent and mobile no.	M/s Sanewin Infrastructure Pvt. Ltd. Authorized Signatory- Shri Ramesh Chandra Mishra R/o H.No. Branch-06, Sarojini Naidu Marg, District - Lucknow, Uttar Pradesh																																																														
5. Name of Project	Sand/Morrum Mining																																																														
6. Project location (Plot/Khasra/Gata No.)	22/15																																																														
7. Name of River	Betwa																																																														
8. Name of Village	RiruaBasaria																																																														
9. Tehsil	Sarila																																																														
10. District	Hamirpur																																																														
11. Name of Minor Mineral	Sand/Morrum																																																														
12. Sanctioned Lease Area (in ha)	24.291 ha																																																														
13. Mineable Area (in ha)	16.131 ha																																																														
14. Zero level mRL	100 mRL																																																														
15. Max. & Min mrl within lease area	106 mRL and 104 mRL																																																														
16. Pillar Coordinates (Verified by DMO)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: center;">Sanctioned Area</th> </tr> <tr> <th style="width: 15%;">Points</th> <th style="width: 40%;">Latitude</th> <th style="width: 45%;">Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>25°55'20.37"N</td> <td>79°40'46.64"E</td> </tr> <tr> <td>B</td> <td>25°55'37.69"N</td> <td>79°40'59.14"E</td> </tr> <tr> <td>C</td> <td>25°55'14.53"N</td> <td>79°41'6.11"E</td> </tr> <tr> <td>D</td> <td>25°55'8.70"N</td> <td>79°40'58.87"E</td> </tr> <tr> <th colspan="3" style="text-align: center;">Workable Area</th> </tr> <tr> <td>A</td> <td>25°55'20.37"N</td> <td>79°40'46.64"E</td> </tr> <tr> <td>B</td> <td>25°55'37.69"N</td> <td>79°40'59.14"E</td> </tr> <tr> <td>G</td> <td>25°55'25.96"N</td> <td>79°41'2.65"E</td> </tr> <tr> <td>H</td> <td>25°55'17.05"N</td> <td>79°40'50.18"E</td> </tr> <tr> <td>C</td> <td>25°55'14.53"N</td> <td>79°41'6.11"E</td> </tr> <tr> <td>D</td> <td>25°55'8.70"N</td> <td>79°40'58.87"E</td> </tr> <tr> <td>E</td> <td>25°55'10.63"N</td> <td>79°40'56.90"E</td> </tr> <tr> <td>F</td> <td>25°55'17.24"N</td> <td>79°41'5.35"E</td> </tr> <tr> <th colspan="3" style="text-align: center;">Non Workable Area</th> </tr> <tr> <td>H</td> <td>25°55'17.05"N</td> <td>79°40'50.18"E</td> </tr> <tr> <td>G</td> <td>25°55'25.96"N</td> <td>79°41'2.65"E</td> </tr> <tr> <td>F</td> <td>25°55'17.24"N</td> <td>79°41'5.35"E</td> </tr> <tr> <td>E</td> <td>25°55'10.63"N</td> <td>79°40'56.90"E</td> </tr> </tbody> </table>			Sanctioned Area			Points	Latitude	Longitude	A	25°55'20.37"N	79°40'46.64"E	B	25°55'37.69"N	79°40'59.14"E	C	25°55'14.53"N	79°41'6.11"E	D	25°55'8.70"N	79°40'58.87"E	Workable Area			A	25°55'20.37"N	79°40'46.64"E	B	25°55'37.69"N	79°40'59.14"E	G	25°55'25.96"N	79°41'2.65"E	H	25°55'17.05"N	79°40'50.18"E	C	25°55'14.53"N	79°41'6.11"E	D	25°55'8.70"N	79°40'58.87"E	E	25°55'10.63"N	79°40'56.90"E	F	25°55'17.24"N	79°41'5.35"E	Non Workable Area			H	25°55'17.05"N	79°40'50.18"E	G	25°55'25.96"N	79°41'2.65"E	F	25°55'17.24"N	79°41'5.35"E	E	25°55'10.63"N	79°40'56.90"E
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C	25°55'14.53"N	79°41'6.11"E																																																													
D	25°55'8.70"N	79°40'58.87"E																																																													
E	25°55'10.63"N	79°40'56.90"E																																																													
F	25°55'17.24"N	79°41'5.35"E																																																													
Non Workable Area																																																															
H	25°55'17.05"N	79°40'50.18"E																																																													
G	25°55'25.96"N	79°41'2.65"E																																																													
F	25°55'17.24"N	79°41'5.35"E																																																													
E	25°55'10.63"N	79°40'56.90"E																																																													
17. Total Geological Reserves	12,14,550 m ³																																																														

Minutes of 363rd SEAC Meeting Dated 15/10/2018

18. Total Mineable Reserves in LOI	3,88,608 m ³ /year	
19. Total Proposed Production	3,88,608 m ³ /year (19,43,040 m ³ /year)	
20. Proposed Production/year	3,88,608 m ³	
21. Sanctioned Period of Mine lease	5 years	
22. Production of mine/day	1413 m ³ / day	
23. Method of Mining	Opencast Semi mechanized	
24. No. of working days	275 days	
25. Working hours/day	12 hours	
26. No. Of workers	Approximately 77 labours	
27. No. Of vehicles movement/day	94 units	
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	MDR (Kalpi- Dgawa- RathaMarg): 2.50 km*(W)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	1.64
	Suppression of dust	39.76
	Plantation	0.061
	Others (Stored water)	0.10
	Total	41.56 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.364/khanij-M-M-C- Tees- Vividh (2017-18) dated 28/05/2018	
35. Details of Lease Area in approved DSR	Page No 63; Table No.20	
36. Proposed CER cost	2% of total project cost i.e. Rs.35,37,982/-	
37. Proposed EMP cost/ Total Project Cost	Rs 70,90,653/- & 17,68,99,104/-	
38. Length and Width of Haul Road	Unpaved Length 2.84 km and Paved Length 5.74km and 6 m width	
39. No. of Trees to be Planted	182	

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category–I(a) of EIA Notification, 2006 (as amended).

The project proponent also informed that as per EIA Notification 14th September, 2006, online submission of EIA report for appraisal after public hearing is next stage in the process of grant of environmental clearance. We are unable to submit our complete EIA report which is of approx. 85 MB on the MoEF&CC portal due to restriction of 20 MB file size. Hence, they are submitting only EMP of the project, minutes of public hearing, risk assessment document which constitute the main domain of an EIA report.

RESOLUTION AGAINST AGENDA NO-07

The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to

recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled.

The recommendation of EC will be subjected to general/ specific conditions as annexed at annexure 1 & 2 to these minutes. The committee also stipulated following specific conditions:

- 1- Pakkamotorable haul road to be maintained by the project proponent.
- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 35,37,982/-shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.

- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

8. Proposed Riverbed Sand/Morrum Mining Project from Betwa River of ShriAtikurrahman located at Khand No.-22/14, Village-RiruaBasaria, Tehsil-Sarila, Hamirpur, UP Sanctioned Lease Area - 24.291 ha, Effective working Area- 21.191 ha File No. 4317/Proposal No. SIA/UP/MIN/26178/2018

RESOLUTION AGAINST AGENDA NO-08

The project proponent did not appear. The committee discussed and directed that project file should be closed and be opened only after request from the project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online request on prescribed online portal.

9. Proposed River Bed Sand/Morrum Mining Project from Ken River for M/s Silvrr Mist Retail Pvt. Ltd., located at Khand No.- 30/1, Village- Bhulsi, Tehsil- Maudaha, District- Hamirpur, U.P., Sanctioned Lease Area: 36.437 ha, Effective Working Area- 32.827 ha File No. 4234/Proposal No. SIA/UP/MIN/25040/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand/Morrum Mining Project from Ken River at Khand No.- 30/1, Village-Bhulsi, Tehsil-Maudaha, District-Hamirpur, U.P., (Sanctioned Lease Area: 36.437 ha), M/s Silvrr Mist Retail Pvt. Ltd., located
2. The public hearing was organized on 20/09/2018.
3. Salient features of the project as snbmitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/25040/2018
2. File No. allotted by SEIAA, UP	4234
3. Name of Proponent	M/s Silvrr Mist Retail Pvt. Ltd. Proprietor- ShriPrashantMalviya
4. Full correspondence address of proponent and mobile no.	M/s Silvrr Mist Retail Pvt. Ltd. Proprietor- ShriPrashantMalviya S/o ShriSantoshMalviya R/o H.No. Ward No.10, Sardar ward, Village - Sohagpur, Tehsil - Hosangabad, District - Hosangabad, Madhya Pradesh
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No.30/1
7. Name of River	Ken
8. Name of Village	Bhulsi
9. Tehsil	Maudaha

Annexure-1

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM
MINING PROPOSALS**

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating

- projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chnla etc.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.

35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of

- the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
 16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
 17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
 18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
 19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
 20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
 21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
 22. Solid waste material viz., gutkhapouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
 23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
 24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
 25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
 26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
 27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
 28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
 29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from-river activities from river bank.

Minutes of the 205th Meeting of the State Level Environment Impact Assessment Authority, UP (SEIAA) held on 22/11/2018

and SEIAA was held on 14-11-2018 in which it was decided that the SEAC will again carryout appraisal of this project on the basis of individual EIA. SEAC has again carried out appraisal in its meeting dated 16-11-2018 and has recommended to grant EC with certain general and specific conditions.

The SEIAA gone through the recommendation of SEAC dated 16-11-2018 to grant EC wherein it has mentioned that the Project proponent has submitted individual EIA and also made a presentation before SEAC.

Keeping in view of the recommendation of SEAC dated 16-11-2018 again to grant EC to the titled project, SEIAA decided to go with the recommendation of SEAC along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied".

19. Proposed Riverbed Sand/Morrum Mining Project from Betwa River of M/s Senvin Infrastructure Pvt. Ltd. located at Kband No. 22/15, Village- Kirua Basaria, Tehsil- Sarila, District- Hamirpur, Sanctioned Lease Area -24.291 Ha., Effective Working Area: 16.131 Ha File No. 4322/Proposal No. SIA/UP/MIN/26229/2018

The SEIAA gone through the recommendation of SEAC to grant E.C. with the general and specific conditions. The SEIAA also gone through the file and noted that the case was earlier recommended by SEAC in its meeting dated 15-10-2018 for grant of EC with the comments that-

"The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting. The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled"

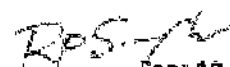
The SEIAA also noted that this matter was taken in its earlier meeting dated 05-11-2018 and was referred back to SEAC since it did not find it appropriate to issue E.C. in view of the above comments. In the mean time Hon'ble NGT ordered dated 13-11-2018 in MA no.-1622/2018 of OA no.-912/2018 that-

3- "We are of the view that this objection may be considered in the joint committee of SEIAA and SEAC in accordance with law before a decision is taken in the matter. If this objection is rejected, the reasons may be given. The applicant will be at liberty to raise this objection before the committee."

In compliance to the said order of NGT dated 13-11-2018 a joint meeting of SEAC and SEIAA was held on 14-11-2018 in which it was decided that the SEAC will again carryout appraisal of this project on the basis of individual EIA. SEAC has again carried out appraisal in its meeting dated 16-11-2018 and has recommended to grant EC with certain general and specific conditions.







The SEIAA gone through the recommendation of SEAC dated 16-11-2018 to grant EC wherein it has mentioned that the Project proponent has submitted individual EIA and also made a presentation before SEAC.

Keeping in view of the recommendation of SEAC dated 16-11-2018 again to grant EC to the titled project, SEIAA decided to go with the recommendation of SEAC along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied".

20. Proposed River Bed Sand/Morrum Mining Project from Ken River for M/s Silvrr Mist Retail Pvt. Ltd., located at Khand No.- 30/1, Village- Bhalsi Tehsil- Maudaha, District- Hamirpur, U.P., Sanctioned Lease Area: 36.437 ha, Effective Working Area- 32.827 ha File No. 4234/Proposal No. SLA/UP/MIN/25040/2018

The SEIAA gone through the recommendation of SEAC to grant E.C. with the general and specific conditions. The SEIAA also gone through the file and noted that the case was earlier recommended by SEAC in its meeting dated 15-10-2018 for grant of EC with the comments that-

"The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting. The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled"



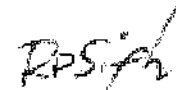
The SEIAA also noted that this matter was taken in its earlier meeting dated 05-11-2018 and was referred back to SEAC since it did not find it appropriate to issue E.C. in view of the above comments. In the mean time Hon'ble NGT ordered dated 13-11-2018 in MA no.-1622/2018 of OA no.-912/2018 that-

3-"We are of the view that this objection may be considered in the joint committee of SEIAA and SEAC in accordance with law before a decision is taken in the matter. If this objection is rejected, the reasons may be given. The applicant will be at liberty to raise this objection before the committee."

In compliance to the said order of NGT dated 13-11-2018 a joint meeting of SEAC and SEIAA was held on 14-11-2018 in which it was decided that the SEAC will again carryout appraisal of this project on the basis of individual EIA. SEAC has again carried out appraisal in its meeting dated 16-11-2018 and has recommended to grant EC with certain general and specific conditions.

The SEIAA gone through the recommendation of SEAC dated 16-11-2018 to grant EC wherein it has mentioned that the Project proponent has submitted individual EIA and also made a presentation before SEAC.

Keeping in view of the recommendation of SEAC dated 16-11-2018 again to grant

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State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand-1, Gomti Nagar, Lucknow - 226010

Phone : 91-522-2300 541, Fax: 91-522-2300 543

E-mail : doenvlho@up.gov.in

Website : www.seiaaup.in

To,

Shri Dinesh Pratap Singh,
Director,
Branch - 6, Sarojini Naidu Marg,
Tehsil & District - Lucknow, Uttar Pradesh

Ref. No. 4322/Parya/SEAC/4322/2018

Date: 24 November, 2018

Sub: Environmental Clearance for Riverbed Sand/Morrum Mining Project from Betwa River at Khand No. 22/15, Village- RiruaBasaria, Tehsil-Sarila, District-Hamirpur, U.P. (Sanctioned Lease Area -24.291 Ha), M/s Sarvin Infrastructure Pvt. Ltd.

Dear Sir,

Please refer to your application/letter dated 25-05-2018, 04-10-2018, 15-10-2018 recived in this office on 01-11-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 15/10/2018 & 16/11/2018.

A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Riverbed Sand/Morrum Mining Project from Betwa River at Khand No. 22/15, Village- RiruaBasaria, Tehsil-Sarila, District-Hamirpur, U.P. (Sanctioned Lease Area - 24.291 Ha), M/s Sarvin Infrastructure Pvt. Ltd.
2. The public hearing was organized on 19/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/26229/2018																				
2. File No. allotted by SEIAA, UP	4322																				
3. Name of Proponent	M/s Sarvin Infrastructure Pvt. Ltd. Proprietor- Shri Dinesh Pratap Singh																				
4. Full correspondence address of proponent and mobile no.	M/s Sarvin Infrastructure Pvt. Ltd. Authorized Signatory- Shri Ramesh Chandra Mishra R/o H.No. Branch-06, Sarojini Naidu Marg, District - Lucknow, Uttar Pradesh																				
5. Name of Project	Sand/Morrum Mining																				
6. Project location (Plot/Khasra/Gata No.)	22/15																				
7. Name of River	Betwa																				
8. Name of Village	RiruaBasaria																				
9. Tehsil	Sarila																				
10. District	Hamirpur																				
11. Name of Minor Mineral	Sand/Morrum																				
12. Sanctioned Lease Area (in ha)	24.291 ha																				
13. Mineable Area (in ha)	15.131 ha																				
14. Zero level mRL	100 mRL																				
15. Max & Min mrl within lease area	106 mRL and 104 mRL																				
16. Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th colspan="3">Sanctioned Area</th> </tr> <tr> <th>Points</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>25°55'26.37"N</td> <td>79°40'46.64"E</td> </tr> <tr> <td>B</td> <td>25°55'37.69"N</td> <td>79°40'59.14"E</td> </tr> <tr> <td>C</td> <td>25°55'14.53"N</td> <td>79°41'6.11"E</td> </tr> <tr> <td>D</td> <td>25°55'8.70"N</td> <td>79°40'58.87"E</td> </tr> </tbody> </table>			Sanctioned Area			Points	Latitude	Longitude	A	25°55'26.37"N	79°40'46.64"E	B	25°55'37.69"N	79°40'59.14"E	C	25°55'14.53"N	79°41'6.11"E	D	25°55'8.70"N	79°40'58.87"E
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E.C. for Riverbed Sand/Mooring Mining Project from Betwa River at Khanj No. 22/16, Village- Giranbaria, Tehsil-Sarla, District- Hamirpur, U.P. (Sanctioned Lease Area -24.291 Ha). M/s Samva Infrastructures Pvt. Ltd.

		Workable Area	
		A	25°55'20.37"N 79°40'46.64"E
		B	25°55'37.69"N 79°40'59.14"E
		G	25°55'25.96"N 79°41'2.65"E
		H	25°55'17.05"N 79°40'50.18"E
		C	25°55'14.53"N 79°41'6.11"E
		D	25°55'9.70"N 79°40'58.87"E
		E	25°55'10.63"N 79°40'56.90"E
		F	25°55'17.24"N 79°41'5.35"E
		Non Workable Area	
		H	25°55'17.05"N 79°40'50.18"E
		G	25°55'25.96"N 79°41'2.65"E
		F	25°55'17.24"N 79°41'5.35"E
		E	25°55'10.63"N 79°40'56.90"E
17. Total Geological Reserves	12,14,550 m ³		
18. Total Mineable Reserves in LOI	3,88,608 m ³ /year		
19. Total Proposed Production	3,88,608 m ³ /year (19,43,040 m ³ /year)		
20. Proposed Production/year	3,88,608 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1413 m ³ / day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 77 labours		
27. No. Of vehicles movement/day	94 units		
28. Type of Land	Non - Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR (Kalpi- Dgawa- RathaMarg): 2.50 km*(W)		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		1.64
	Suppression of dust		39.76
	Plantation		0.061
	Others (Stored water)		0.10
		Total	41.56 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.364/khanj-M-M-C- Tees- Vividh (2017-18) dated 28/05/2018		
35. Details of Lease Area in approved DSR	Page No 63; Table No.20		
36. Proposed CER cost	2% of total project cost i.e. Rs.35,37,982/-		
37. Proposed EMP cost/ Total Project Cost	Rs 70,90,653/- & 17,68,99,104/-		
38. Length and Width of Haul Road	Unpaved Length 2.84 km and Paved Length 5.74km and 6 m width		
39. No. of Trees to be Planted	182		

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna



7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 15/10/2018 & 16/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 22/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 3,88,608 m³/year is proposed from mining lease area 24.291 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations, if this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Morram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and faune shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.



E.C. for Riverbed Sand/Morson Mining Project from Betwa River at Khand No. 23/15, Village: Giruabaria, Tehsil: Sarila, District: Hamirpur, U.P. (Sanctioned Lease Area - 24.291 Ha), M/s SamrIn Infrastructure Pvt. Ltd.

20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParasad/Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks./ tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of minerals/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.



39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2009 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 30% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. Pakka motorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.



E.C. for Riverbed Sand/Morrum Mining Project from Betwa River at Khani No. 22/15, Village: Khunhiseris, Tehsil-Sarila, District: Hamirpur, U.P. (Sanctioned Lease Area - 24.391 Ha). M/s Senua Infrastructure Pvt. Ltd.

16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 35,37,982/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
19. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha, then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling with in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo-coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHA and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C. issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/morrum from the river bank only.
34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.



I.C. for Riverbed Sand/Masonry Mining Project from Betwa River at Khand No. 22/15, Village- BiruaBasra, Tehsil-Sarila, District- Hamirpur, U.P. (Sanctioned Lease Area-24.291 Ha), M/s Sarvin Infrastructure Pvt. Ltd.

35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Faecal Coliform and Total Suspended Solids (TSS))].
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., gutkhapouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.



E.C. for Shorbed Sand/Mercurum Mining Project from Betwa River at Khana No. 22/15, Village- Birva Basaria, Tehsil-Sarwa, District- Hamirpur, U.P. (Sanctioned Lease Area-24.791 Ha). M/s Sarvin Infrastructure Pvt. Ltd.

54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.



Member Secretary, SEIAA

Ref. No. /Parya/SEAC/4322/2018 Dated: As above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, India Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.

(Ashish Tiwari)

Member Secretary, SEIAA

Minutes of 325th SEAC Meeting Date 23/03/2018

- Court of Law against the project should be given.
42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

12. Proposed River Bed Sand Mining from Betwa River for M/s Sanevin Infrastructure Pvt. Ltd., located at Gata No.- 864/320, 865/320, Village-Simiriya, Tehsil-Orai, District-Jalaun, Sanctioned Lease Area: 27.53 Ha(68.0 Acre), Effective Working Area: 18.12 Ha (44.77Acre) File No. 4103/Proposal No. (SIA/UP/ MIN/21915/2018)

A presentation was made by project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand Mining from Betwa River at Gata No.- 864/320, 865/320, Village-Simiriya, Tehsil-Orai, District- Jalaun, Lease Area: 27.53 Ha (68.0 Acre), M/s Sanevin Infrastructure Pvt. Ltd.
- 2- Salient features details of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/21915/2018
2. File No. allotted by SEIAA, UP	4103
3. Name of Proponent	Shri Ramesh Chandra Mishra
4. Full correspondence address of proponent and mobile no.	M/s Sanevin Infrastructure Pvt Ltd Shri Ramesh Chandra Mishra R/o Branch- 06, Sarojini Naidu Marg, Lucknow, U.P. 226001
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Gata No. 864/320, 865/320
7. Name of River	Betwa
8. Name of Village	Simiriya
9. Tehsil	Orai
10. District	Jalaun
11. Name of Minor Mineral	Sand/Morrum

Minutes of 325th SEAC Meeting Date 23/03/2018

12. Sanctioned Lease Area (in ha)	27.53 ha		
13. Mineable Area (in ha)	18.12 ha		
14. Zero level mRL	105 mRL		
15. Max. & Min mrl within lease area	112 mRL and 106 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°51'36.66"N	79°32'34.44"E
	B	25°51'53.09"N	79°33'15.80"E
	C	25°51'55.09"N	79°33'13.77"E
	D	25°51'57.19"N	79°33'21.58"E
	E	25°51'53.30"N	79°33'21.57"E
	F	25°51'53.28"N	79°33'19.19"E
	G	25°51'52.64"N	79°33'19.27"E
	H	25°51'52.26"N	79°33'21.57"E
	I	25°51'43.98"N	79°33'22.58"E
	Workable area		
	A	25°51'36.66"N	79°32'34.44"E
	I	25°51'43.98"N	79°33'22.58"E
P	25°51'47.76"N	79°33'22.08"E	
Q	25°51'47.03"N	79°33'0.05"E	
17. Total Geological Reserves	13,76,500 m ³		
18. Total Mineable Reserves in LOI	4,12,950 m ³ /year		
19. Total Proposed Production	4,12,950 m ³ /year (20,64,750 m ³ in 05 years)		
20. Proposed Production/year	4,12,950 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1501.6 m ³ /day		
23. Method of Mining	<p>Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using:</p> <ul style="list-style-type: none"> • Scraper/light earth movers • Chain based Bulldozer for rescue & salvage • Loader • Truck & tractors for transportation 		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	167 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR(Kalpi- Dgawa-Ratha Marg)- 8.0 km*(SE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	

	Drinking	0.52
	Suppression of dust	7.2
	Plantation	0.06
	Others (if any)	-
	Total	7.78 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Jalaun Letter No.808/Khanij dated 25/01/2018	
35. Details of Lease Area in approved DSR	Page No 54;	
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,11,898/-	
37. Proposed EMP cost	Rs. 33,72,325/-	
38. Total Project Cost	Rs. 1,42,00,000/-	
39. Length and Width of Haul Road	700 m Length and 6 m width	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-12

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA:

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery

and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.

11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the predominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be

indicated.

23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
24. Details of water conservation measures proposed to be adopted in the projected should be given.
25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
28. Details of rainwater harvesting proposed, if any, in the project should be provided.
29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should covered.
33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of

agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.

39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

13. River Sand/Morrum Mining Project at Gata No./Zone No./Khand No- 01 Ka, Village- Kukargaon, Tehsil- Tehrauli, District- Jhansi, U.P. (Leased Area-30.361 Ha), Shri Bishan Singh. File No. 4104/Proposal No. (SIA/UP/ MIN/22214/2018)

A presentation was made by project proponent along with their consultant M/s Ind Tech House Consult. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for River Sand/Morrum Mining Project at Gata No./Zone No./Khand No- 01 Ka, Village- Kukargaon, Tehsil- Tehrauli, District- Jhansi, U.P. (Leased Area-30.361 Ha).
- 2- Salient features details of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/22214/2018
2. File No. allotted by SEIAA, UP	4104
3. Name of Proponent	M/s Ghanaram Infra Engineers Pvt. Ltd.
4. Full correspondence address of proponent and mobile no.	R/O- 818 West Patel Nagar New Delhi, 9415030032
5. Name of Project	Area 75.00 Acres (30.361 Ha) River

false or incorrect then punitive actions as per the law shall be initiated against the authority issuing the cluster certificate.

10. Ralpur ordinary Sand Mine at Khasra No.- 1436/22, Khand No.-02, Village- Ralpur, Tehsil-Lalganj, District- Raebareli, U.P. (Leased Area-8.49 Hac.) Shri Shiv Bhawan Singh, File No. 4055/Proposal No. (SIA/UP/ MIN/72832/2018)

The SEIAA noted the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions subjected to the submission of recent 500 m cluster certificate on prescribed format issued by District Mining Officer by the project proponent before the SEIAA meeting. SEIAA noted that the project proponent has submitted a recent 500 m Cluster Certificate dated 26-03-2018 issued by District Mining Officer. Hence, SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC but the SEIAA replaces the specific conditions no-2 of annexure-2 as "If in future during the progressive mining this lease area becomes part of cluster i.e. area equal to or more than 25 ha., limited to B-1 category, then additional conditions based on the EIA conducted by the concerned lease holders shall be imposed and joint EMP shall be implemented. The lease holder shall mandatorily follow all the imposed conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per the law shall be initiated against the authority issuing the cluster certificate.

11. Proposed River Bed Sand/Morrum Mining from Ken River for M/s Silvrr Mist Retail Pvt. Ltd., located at Khand No.- 30/2, Village- Bhulsi, Tehsil-Maudaha, District- Hamirpur, U.P., Lease Area: 36.437 Ha). File No. 4100/Proposal No. (SIA/UP/ MIN/22098/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

12. Proposed River Bed Sand Mining from Betwa River for M/s Sanevin Infrastructure Pvt. Ltd., located at Gata No.- 864/320, 865/320, Village-Simiriya, Tehsil-Orai, District- Jalaun, Sanctioned Lease Area: 27.53 Ha(68.0 Acre) Effective Working Area: 18.12 Ha (44.77Acre) File No. 4103/Proposal No. (SIA/UP/ MIN/2: 915/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

13. River Sand/Morrum Mining Project at Gata No./Zone No./Khand No- 01 Ka, Village-Kukargaon, Tehsil- Tehrauli, District- Jhansi, U.P. (Leased Area-30.361 Ha), Shri Bishan Singh, File No. 4104/Proposal No. (SIA/UP/ MIN/22214/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

14. Sand/Morrum Mine at Khand No. 10/19 on Betwa River at Khand No.-10/19, Village-Beri, Tehsil & District- Hamirpur, U.P.(Leased Area-12.145 Ha), M/s A D Foods Pvt. Ltd. File No. 4114/Proposal No. (SIA/UP/ MIN/22254/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.



Madan Bhardwaj



State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand-1, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : doeuplko@yahoo.com

Website : www.seiaaup.in

Uploaded on
www.seiaaup.in

To,

Shri Ramesh Chandra Mishra,
Owner,
Branch-06, Sarojini Naidu Marg,
Lucknow, U.P.-226001

Ref. No.19...../Parya/SEAC/4103/2018

Date: // April, 2018

Sub: Terms of reference for Proposed River Bed Sand Mining from Betwa River at Gata No.- 864/320, 865/320, Village-Simiriya, Tehsil-Orai, District- Jalaun, Lease Area: 27.53 Ha (68.0 Acre), M/s Sanevin Infrastructure Pvt. Ltd.

Dear Sir,

Please refer to your application dated 06-03-2018 addressed to the Secretary SEAC/Director, Directorate of Environment, U.P. on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 23-03-2018.

A presentation was made by project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand Mining from Betwa River at Gata No.- 864/320, 865/320, Village-Simiriya, Tehsil-Orai, District- Jalaun, Lease Area: 27.53 Ha (68.0 Acre), M/s Sanevin Infrastructure Pvt. Ltd.
- 2- Salient features details of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/21915/2018		
2. File No. allotted by SEIAA, UP	4103		
3. Name of Proponent	Shri Ramesh Chandra Mishra		
4. Full correspondence address of proponent and mobile no.	M/s Sanevin Infrastructure Pvt Ltd Shri Ramesh Chandra Mishra R/o Branch- 06, Sarojini Naidu Marg, Lucknow, U.P. 226001		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 864/320, 865/320		
7. Name of River	Betwa		
8. Name of Village	Simiriya		
9. Tehsil	Orai		
10. District	Jalaun		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	27.53 ha		
13. Mineable Area (in ha)	18.12 ha		
14. Zero level mRL	105 mRL		
15. Max. & Min mrl within lease area	112 mRL and 106 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		

**TOR for Proposed River Bed Sand Mining from Betwa River at Gata No.- 864/320, 865/320, Village-
Simiriyar, Tehsil-Orai, District- Jalaun, Lease Area: 27.53 Ha (68.0 Acre)**

	A	25°51'36.66"N	79°32'34.44"E
	B	25°51'53.09"N	79°33'15.80"E
	C	25°51'55.09"N	79°33'13.77"E
	D	25°51'57.19"N	79°33'21.58"E
	E	25°51'53.30"N	79°33'21.57"E
	F	25°51'53.28"N	79°33'19.19"E
	G	25°51'52.64"N	79°33'19.27"E
	H	25°51'52.26"N	79°33'21.57"E
	I	25°51'43.98"N	79°33'22.58"E
	Workable area		
	A	25°51'36.66"N	79°32'34.44"E
	I	25°51'43.98"N	79°33'22.58"E
	P	25°51'47.76"N	79°33'22.08"E
	Q	25°51'47.03"N	79°33'0.05"E
17. Total Geological Reserves	13,76,500 m ³		
18. Total Mineable Reserves in LOI	4,12,950 m ³ /year		
19. Total Proposed Production	4,12,950 m ³ /year (20,64,750 m ³ in 05 years)		
20. Proposed Production/year	4,12,950 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1501.6 m ³ /day		
23. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none"> • Scraper/light earth movers • Chain based Bulldozer for rescue & salvage • Loader • Truck & tractors for transportation 		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	167 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR(Kalpi- Dgawa-Ratha Marg)- 8.0 km*(SE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	7.2	
	Plantation	0.06	
	Others (if any)	-	
	Total	7.78 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate	Cluster certificate issued by DMO Jalaun		

**TOR for Proposed River Bed Sand Mining from Betwa River at Gata No.- 864/320, 865/320, Village-
Simiriyar, Tehsil-Orai, District- Jalaun, Lease Area: 27.53 Ha (68.0 Acre)**

verified by Mining Officer	Letter No.808/Khanij dated 25/01/2018
35. Details of Lease Area in approved DSR	Page No 54;
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,11,898/-
37. Proposed EMP cost	Rs. 33,72,325/-
38. Total Project Cost	Rs. 1,42,00,000/-
39. Length and Width of Haul Road	700 m Length and 6 m width

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA:

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from

**TOR for Proposed River Bed Sand Mining from Betwa River at Gata No.- 864/320, 865/320, Village-
Simiriya, Tehsil-Orai, District-Jalaun, Lease Area: 27.53 Ha (68.0 Acre)**

- the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area (core zone and buffer zone (10 km radius of the periphery of the mine lease)) shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
 15. Impact of change of land use should be given.
 16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
 17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
 18. 02 km kachcha haul road to be made motorable. Submit Plan.
 19. One season (Non Monsoon) primary baseline data on ambient air quality ($PM_{2.5}$, PM_{10} , SO_2 and NO_2), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
 20. There should be at least one monitoring station within 500 m of the mine lease in the predominant downwind direction. The mineralogical composition of PM_{10} particularly for free silica should be given.
 21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the project should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 27. Details of first order stream, if any passing through lease area and modification diversion

**TOR for Proposed River Bed Sand Mining from Betwa River at Gata No.- 864/320, 865/320, Village-
Simiriyar, Tehsil-Oral, District- Jalaun, Lease Area: 27.53 Ha (68.0 Acre)**

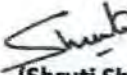
- proposed, if any and the impact of the same on the hydrology should be brought out.
28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
 36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works,

**TOR for Proposed River Bed Sand Mining from Betwa River at Gata No.- 864/320, 865/320, Village-
Simiriyar, Tehsil-Orai, District- Jalaun, Lease Area: 27.53 Ha (68.0 Acre)**

nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.

44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.


This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

No /Parya/SEAC/4103/2018 Dated: As above

Copy with enclosure for Information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate, Jalaun.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Director, Geology and Mining, Govt. of U.P.
7. Copy to Web Master/ guard file.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

5. Proposed River Bed Sand Mining Project from Betwa River for M/s Sanevin Infrastructure Pvt. Ltd., at Gata No.- 864/320, 865/320, Village- Simiriyar, Tehsil- Orai, District- Jalaun, Sanctioned Lease Area: 27.53 Ha, Effective Area: 18.12 Ha File No. 4103/Proposal No. SIA/UP/MIN/21915/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand Mining Project from Betwa River at Gata No.- 864/320, 865/320, Village- Simiriyar, Tehsil- Orai, District- Jalaun, (Sanctioned Lease Area: 27.53 Ha), M/s Sanevin Infrastructure Pvt. Ltd.
2. The public hearing was organized on 18/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/21915/2018		
2. File No. allotted by SEIAA, UP	4103		
3. Name of Proponent	M/s Sanevin Infrastructure Pvt. Ltd. Proprietor- Shri Dinesh Pratap Singh		
4. Full correspondence address of proponent and mobile no.	M/s Sanevin Infrastructure Pvt Ltd Authorised Signatory- Shri Ramesh Chandra Mishra R/o Branch- 06. Sarojini Naidu Marg, Lucknow, U.P. 226001		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 864/320, 865/320		
7. Name of River	Betwa		
8. Name of Village	Simiriya		
9. Tehsil	Orai		
10. District	Jalaun		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	27.53 ha		
13. Mineable Area (in ha)	18.12 ha		
14. Zero level mRL	105 mRL		
15. Max. & Min mrl within lease area	112 mRL and 106 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°51'36.66"N	79°32'34.44"E

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	B	25°51'53.09"N	79°33'15.80"E
	C	25°51'55.09"N	79°33'13.77"E
	D	25°51'57.19"N	79°33'21.58"E
	E	25°51'53.30"N	79°33'21.57"E
	F	25°51'53.28"N	79°33'19.19"E
	G	25°51'52.64"N	79°33'19.27"E
	H	25°51'52.26"N	79°33'21.57"E
	I	25°51'43.98"N	79°33'22.58"E
	Workable area		
	A	25°51'36.66"N	79°32'34.44"E
	I	25°51'43.98"N	79°33'22.58"E
	P	25°51'47.76"N	79°33'22.08"E
	Q	25°51'47.03"N	79°33'0.05"E
	Non Workable Area		
	Q	25°51'47.03"N	79°33'0.05"E
	B	25°51'53.09"N	79°33'15.80"E
	C	25°51'55.09"N	79°33'13.77"E
	D	25°51'57.19"N	79°33'21.58"E
	E	25°51'53.30"N	79°33'21.57"E
	F	25°51'53.28"N	79°33'19.19"E
	G	25°51'52.64"N	79°33'19.27"E
	H	25°51'52.26"N	79°33'21.57"E
	P	25°51'47.76"N	79°33'22.08"E
17. Total Geological Reserves	13,76,500 m ³		
18. Total Mineable Reserves in LOI	4,12,950 m ³ /year		
19. Total Proposed Production	4,12,950 m ³ /year (20,64,750 m ³ in 05 years)		
20. Proposed Production/year	4,12,950 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1501.6 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 75 labours		
27. No. Of vehicles movement/day	100 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR(Kalpi- Dgawa-RathaMarg)- 8.0 km*(SE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.65	
	Suppression of dust	11.80	
	Plantation	0.069	
	Others (Stored water)	0.10	
	Total	13.62KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Jalaun Letter No.808/Khanij dated 25/01/2018		
35. Details of Lease Area in approved DSR	Page No 54;		
36. Proposed CER cost	2% of total project cost i.e. Rs.32,22,858/-		

37. Proposed EMP cost & Total Project Cost	Rs. 32,82,643/- &Rs. 16,11,42,928/-
38. Length and Width of Haul Road	Unpaved Length 0.59km and Paved Length 14.5 km and 6 m width
39. No. of Trees to be Planted	206

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The project proponent also informed that as per EIA Notification 14th September, 2006, online submission of EIA report for appraisal after public hearing is next stage in the process of grant of environmental clearance. We are unable to submit our complete EIA report which is of approx. 85 MB on the MoEF&CC portal due to restriction of 20 MB file size. Hence, they are submitting only EMP of the project, minutes of public hearing, risk assessment document which constitute the main domain of an EIA report.

RESOLUTION AGAINST AGENDA NO-05

The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled.

The recommendation of EC will be subjected to general/ specific conditions as annexed at annexure 1 & 2 to these minutes. The committee also stipulated following specific conditions:

- 1- Pakkamotorable haul road to be maintained by the project proponent.
- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.

- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 32,22,858/-shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Jalaun, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

6. Proposed Riverbed Sand/Morrum Mining Project from Betwa River of M/s Sanewin Infrastructure Pvt. at Khand No.26/7, Village - ChandwariGhurouli, Tehsil - Sarila, District - Hamirpur, Lease Area-36.437 ha, Effective working Area 29.937 ha File No. 4304/Proposal No. SIA/UP/MIN/26125/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.26/7, Village - ChandwariGhurouli, Tehsil - Sarila, District - Hamirpur, (Lease Area-36.437 ha), M/s Sanewin Infrastructure Pvt.
2. The public hearing was organized on 19/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/26125/2018
2. File No. allotted by SEIAA, UP	4304

Annexure-1

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM
MINING PROPOSALS**

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating

- projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation camp, be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.

35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of

- the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
15. The critical parameters such as PM10, PM2.5, SO₂ and NO_x in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
 16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
 17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
 18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
 19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO₂ and NO_x. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
 20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
 21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
 22. Solid waste material viz., gutkhapouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
 23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
 24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
 25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
 26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
 27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
 28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
 29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

Minutes of 363rd SEAC Meeting Dated 15/10/2018

30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

The SEIAA also noted that this matter was taken in its earlier meeting dated 05-11-2018 and was referred back to SEAC since it did not find it appropriate to issue E.C. in view of the above comments. In the mean time Hon'ble NGT order dated 13-11-2018 in MA no.-1622/2018 of OA no.-912/2018 that-

3- "We are of the view that objection may be considered in the joint committee of SEIAA and SEAC in accordance with law before a decision is taken in the matter. If this objection is rejected, the reasons may be given. The applicant will be at liberty to raise this objection before the committee."

In compliance to the said order of NGT dated 13-11-2018 a joint meeting of SEAC and SEIAA was held on 14-11-2018 in which it was decided that the SEAC will again carryout appraisal of this project on the basis of individual EIA. SEAC has again carried out appraisal in its meeting dated 16-11-2018 and has recommended to grant EC with certain general and specific conditions.

The SEIAA gone through the recommendation of SEAC dated 16-11-2018 to grant EC wherein it has mentioned that the Project proponent has submitted individual EIA and also made a presentation before SEAC.

Keeping in view of the recommendation of SEAC dated 16-11-2018 again to grant EC to the titled project, SEIAA decided to go with the recommendation of SEAC along with all the general and specific conditions as suggested by the SEAC adding one specific condition-"Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied".

17. Proposed River Bed Sand Mining Project from Berwa River for M/s Sanevin Infrastructure Pvt. Ltd., at Gata No.- 864/320, 865/320, Village- Simiriyar, Tehsil- Orai, District- Jalaun, Sanctioned Lease Area: 27.53 Ha, Effective Area: 18.12 Ha File No. 4103/Proposal No. SIA/UP/MIN/21915/2018

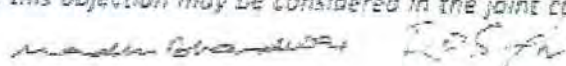
The SEIAA gone through the recommendation of SEAC to grant E.C. with the general and specific conditions. The SEIAA also gone through the file and noted that the case was earlier recommended by SEAC in its meeting dated 15-10-2018 for grant of EC with the comments that-

"The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting. The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled"

The SEIAA also noted that this matter was taken in its earlier meeting dated 05-11-2018 and was referred back to SEAC since it did not find it appropriate to issue E.C. in view of the above comments. In the mean time Hon'ble NGT ordered dated 13-11-2018 in MA no.-1622/2018 of OA no.-912/2018 that-

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SEIAA and SEAC in accordance with law before a decision is taken in the matter. If this objection is rejected, the reasons may be given. The applicant will be at liberty to raise this objection before the committee."

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Keeping in view of the recommendation of SEAC dated 16-11-2018 again to grant EC to the titled project, SEIAA decided to go with the recommendation of SEAC along with all the general and specific conditions as suggested by the SEAC adding one specific condition-"Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied".

18. Proposed Riverbed Sand/Morrum Mining Project from Betwa River of M/s Sanewin Infrastructure Pvt. at Khand No.26/7, Village - ChandwariGhurouli, Tehsil - Sarila, District - Hamirpur, Lease Area-36.437 ha, Effective working Area 29.937 ha File No. 4304/Proposal No. SIA/UP/MIN/26125/2018

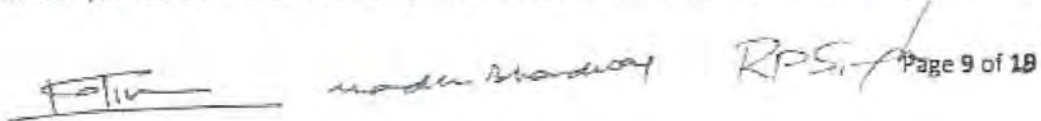
The SEIAA gone through the recommendation of SEAC to grant E.C. with the general and specific conditions. The SEIAA also gone through the file and noted that the case was earlier recommended by SEAC in its meeting dated 15-10-2018 for grant of EC with the comments that-

"The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting. The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled"

The SEIAA also noted that this matter was taken in its earlier meeting dated 05-11-2018 and was referred back to SEAC since it did not find it appropriate to issue E.C. in view of the above comments. In the mean time Hon'ble NGT ordered dated 13-11-2018 in MA no.-1622/2018 of OA no.-912/2018 that-

3- *"We are of the view that this objection may be considered in the joint committee of SEIAA and SEAC in accordance with law before a decision is taken in the matter. If this objection is rejected, the reasons may be given. The applicant will be at liberty to raise this objection before the committee."*

In compliance to the said order of NGT dated 13-11-2018 a joint meeting of SEAC

Page 9 of 18

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand-1, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : doeuplko@yahoo.com

Website : www.seiaaup.in

To,

Shri Ramesh Chandra Mishra,
Owner,
Branch-06, Sarojini Naidu Marg,
Lucknow, U.P.-226001

Ref. No...4103.../Parya/SEAC/4103/2018

Date: 24 November, 2018

Sub: Environmental Clearance for River Bed Sand Mining Project from Betwa River at Gata No.- 864/320, 865/320, Village- Simiriyar, Tehsil- Orai, District- Jalaun, (Sanctioned Lease Area: 27.53 Ha), M/s Sanevin Infrastructure Pvt. Ltd.

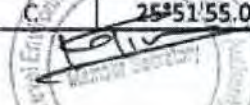
Dear Sir,

Please refer to your application/letter dated 27-02-2018, 06-03-2018, 04-10-2018, 15-10-2018 & 01-11-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 15-10-2018 & 16-11-2018.

A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand Mining Project from Betwa River at Gata No.- 864/320, 865/320, Village- Simiriyar, Tehsil- Orai, District- Jalaun, (Sanctioned Lease Area: 27.53 Ha), M/s Sanevin Infrastructure Pvt. Ltd.
2. The public hearing was organized on 18/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/21915/2018		
2. File No. allotted by SEIAA, UP	4103		
3. Name of Proponent	M/s Sanevin Infrastructure Pvt. Ltd. Proprietor- Shri Dinesh Pratap Singh		
4. Full correspondence address of proponent and mobile no.	M/s Sanevin Infrastructure Pvt Ltd Authorised Signatory- Shri Ramesh Chandra Mishra R/o Branch- 06, Sarojini Naidu Marg, Lucknow, U.P. 226001		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 864/320, 865/320		
7. Name of River	Betwa		
8. Name of Village	Simiriya		
9. Tehsil	Orai		
10. District	Jalaun		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	27.53 ha		
13. Mineable Area (in ha)	18.12 ha		
14. Zero level mRL	105 mRL		
15. Max. & Min mrl within lease area	112 mRL and 106 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°51'36.66"N	79°32'34.44"E
	B	25°51'53.09"N	79°33'15.80"E
	C	25°51'55.09"N	79°33'13.77"E



E.C. for River Bed Sand Mining Project from Betwa River at Gata No.- 864/320, 865/320, Village- Simiriyar, Tehsil- Orai, District- Jalaun, (Sanctioned Lease Area: 27.53 Ha), M/s Sanevin Infrastructure Pvt. Ltd.

	D	25°51'57.19"N	79°33'21.58"E
	E	25°51'53.30"N	79°33'21.57"E
	F	25°51'53.28"N	79°33'19.19"E
	G	25°51'52.64"N	79°33'19.27"E
	H	25°51'52.26"N	79°33'21.57"E
	I	25°51'43.98"N	79°33'22.58"E
	Workable area		
	A	25°51'36.66"N	79°32'34.44"E
	I	25°51'43.98"N	79°33'22.58"E
	P	25°51'47.76"N	79°33'22.08"E
	Q	25°51'47.03"N	79°33'0.05"E
	Non Workable Area		
	Q	25°51'47.03"N	79°33'0.05"E
	B	25°51'53.09"N	79°33'15.80"E
	C	25°51'55.09"N	79°33'13.77"E
	D	25°51'57.19"N	79°33'21.58"E
	E	25°51'53.30"N	79°33'21.57"E
	F	25°51'53.28"N	79°33'19.19"E
	G	25°51'52.64"N	79°33'19.27"E
	H	25°51'52.26"N	79°33'21.57"E
	P	25°51'47.76"N	79°33'22.08"E
17. Total Geological Reserves	13,76,500 m ³		
18. Total Mineable Reserves in LOI	4,12,950 m ³ /year		
19. Total Proposed Production	4,12,950 m ³ /year (20,64,750 m ³ in 05 years)		
20. Proposed Production/year	4,12,950 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1501.6 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 75 labours		
27. No. Of vehicles movement/day	100 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR(Kalpi- Dgawa-RathaMarg)- 8.0 km*(SE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.65	
	Suppression of dust	11.80	
	Plantation	0.069	
	Others (Stored water)	0.10	
	Total	13.62KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Jalaun Letter No.808/Khanij dated 25/01/2018		
35. Details of Lease Area in approved DSR	Page No 54;		
36. Proposed CER cost	2% of total project cost i.e. Rs. 32,22,858/-		



E.C. for River Bed Sand Mining Project from Betwa River at Gata No.- 864/320, 865/320, Village- Simiriyar, Tehsil- Orao, District- Jalaun, (Sanctioned Lease Area: 27.53 Ha), M/s Sanevin Infrastructure Pvt. Ltd.

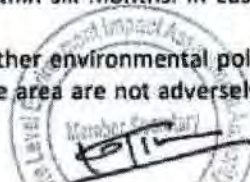
37. Proposed EMP cost & Total Project Cost	Rs. 32,82,643/- &Rs. 16,11,42,928/-
38. Length and Width of Haul Road	Unpaved Length 0.59km and Paved Length 14.5 km and 6 m width
39. No. of Trees to be Planted	206

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 15-10-2018 & 16/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 22/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 4,12,950 m³/year is proposed from mining lease area 27.53 ha subject to effective implementation of the following General Conditions and specific conditions:

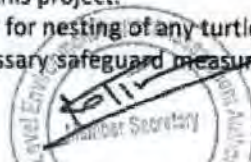
General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of



E.C. for River Bed Sand Mining Project from Betwa River at Gata No.- 864/320, 865/320, Village- Simiriyar, Tehsil- Orai, District- Jalaun, (Sanctioned Lease Area: 27.53 Ha), M/s Sanevin Infrastructure Pvt. Ltd.

- measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
 19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
 36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the



- State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
 38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
 39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
 40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
 41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
 42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
 43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParishad/
Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/
representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
 44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
 45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
 46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
 47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
 48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. Pakka motorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.



E.C. for River Bed Sand Mining Project from Betwa River at Gata No.- 864/320, 865/320, Village- Simiriyar, Tehsil- Orai, District- Jalaun, (Sanctioned Lease Area: 27.53 Ha), M/s Sanevin Infrastructure Pvt. Ltd.

11. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 32,22,858/-shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Jalaun, U.P.
19. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling with in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.



E.C. for River Bed Sand Mining Project from Betwa River at Gata No.- 864/320, 865/320, Village- Simiriyar, Tehsil- Orai, District- Jalaun, (Sanctioned Lease Area: 27.53 Ha), M/s Sanevin Infrastructure Pvt. Ltd.

32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., gutkhapouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in>



E.C. for River Bed Sand Mining Project from Betwa River at Gata No.- 864/320, 865/320, Village- Simiriyar, Tehsil- Oral, District- Jalaun, (Sanctioned Lease Area: 27.53 Ha), M/s Sanevin Infrastructure Pvt. Ltd.

and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.

52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along-with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.


This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.


(Ashish Tiwari)
Member Secretary, SEIAA

Ref. No...../Parva/SEAC/4103/2018 Dated: As above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Jalaun, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.


(Ashish Tiwari)
Member Secretary, SEIAA

Minutes of 344th SEAC Meeting Date 08/06/2018

The 344th meeting of SEAC was held in Directorate of Environment, U.P. on 08/06/2018 following members were present in the SEAC:

1.	Dr. (Prof.) S.N. Singh,	Chairman
2.	Dr. Sarita Sinha,	Member
3.	Dr. Arvind Mathur,	Member
4.	Dr. Pramod Kumar Mishra,	Member
5.	Dr. Richhpal Singh Sangu,	Member
6.	Dr. Ranjeet Kumar Dalela,	Member
7.	Shri Ramesh Chand Kataria,	Member
8.	Prof. S.K. Upadhyay,	Member
9.	Dr. Ajoy Kumar Mandal,	Member
10.	Shri Meraj Uddin,	Member
11.	Shri Rajive Kumar,	Member

The Chairman welcomed the members to the 344th SEAC meeting.

The SEAC unanimously took following decisions on the agenda points discussed:

- 1. Proposed River bed Sand/Morrum Mining Project from Ganga River at Khand No.-1 Gata No.- 2/1 (Area-7.40 Ha) in Cluster located at Village- Unchgaon Khadar, Tehsil - Debai, District- Bulandshahar,U.P.,Shri. Dayashnker Dixit, File No. 4303/Proposal No. (SIA/UP/ MIN /26110/2018)**

Resolution against agenda no-01

The project proponent did not appear in the meeting. The committee discussed and directed to defer the matter till request received by the project proponent on online prescribed portal. The file shall not be treated as pending at SEAC.

The matter will be discussed only after submission of online request on prescribed portal.

- 2. Proposed River bed Sand/Morrum Mining Project from Betwa River for/s Sanewin Infrastructure Pvt. Ltd. located at Khand No.- 26/7,Village-Chandwari Ghrouli, Tehsil- Sarila, District- Hamirpur, U.P., Sanctioned Lease Area-36.437 ha, File No. 4304/Proposal No. (SIA/UP/ MIN /26125/2018)**

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd., Lucknow. The proponent, through the documents submitted and the presentation made, informed the committee that :-

1- The environmental clearance is sought for proposed River bed Sand/Morrum Mining Project from Betwa River at Khand No. 26/7, Village-Chandwari Ghurouli, Tehsil- Sarila, District- Hamirpur, U.P., (Sanctioned Lease Area-36.437 ha.), M/s Sanewin Infrastructure Pvt. Ltd.

2- Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/26125/2018																																																								
2. File No. allotted by SEIAA, UP	4304																																																								
3. Name of Proponent	M/s Sanewin Infrastructure Pvt. Ltd. Authorized Signatory- Shri Ramesh Chandra Mishra																																																								
4. Full correspondence address of proponent and mobile no.	M/s Sanewin Infrastructure Pvt. Ltd. Authorized Signatory- Shri Ramesh Chandra Mishra R/o H.No. Branch-06, Sarojini Naidu Marg, District - Lucknow, Uttar Pradesh																																																								
5. Name of Project	Sand/Morrum Mining																																																								
6. Project location (Plot/Khasra/Gata No.)	Khand No. 26/7																																																								
7. Name of River	Betwa																																																								
8. Name of Village	Chandwari Ghurouli																																																								
9. Tehsil	Sarila																																																								
10. District	Hamirpur																																																								
11. Name of Minor Mineral	Sand/Morrum																																																								
12. Sanctioned Lease Area (in ha)	36.437 ha																																																								
13. Mineable Area (in ha)	29.937 ha																																																								
14. Zero level mRL	107 mRL																																																								
15. Max. & Min mRL within lease area	116 mRL and 112 mRL																																																								
16. Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th colspan="3">Sanctioned Area</th> </tr> <tr> <th>Point</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>25°48'32.76"N</td> <td>79°24'16.24"E</td> </tr> <tr> <td>B</td> <td>25°48'28.26"N</td> <td>79°24'54.78"E</td> </tr> <tr> <td>C</td> <td>25°48'17.63"N</td> <td>79°24'52.27"E</td> </tr> <tr> <td>D</td> <td>25°48'17.83"N</td> <td>79°24'17.44"E</td> </tr> <tr> <th colspan="3">Workable Area</th> </tr> <tr> <td>D</td> <td>25°48'17.83"N</td> <td>79°24'17.44"E</td> </tr> <tr> <td>E</td> <td>25°48'29.51"N</td> <td>79°24'16.43"E</td> </tr> <tr> <td>F</td> <td>25°48'28.06"N</td> <td>79°24'36.70"E</td> </tr> <tr> <td>G</td> <td>25°48'26.94"N</td> <td>79°24'54.52"E</td> </tr> <tr> <td>C</td> <td>25°48'17.63"N</td> <td>79°24'52.27"E</td> </tr> <tr> <th colspan="3">Non Workable Area</th> </tr> <tr> <td>A</td> <td>25°48'32.76"N</td> <td>79°24'16.24"E</td> </tr> <tr> <td>B</td> <td>25°48'28.26"N</td> <td>79°24'54.78"E</td> </tr> <tr> <td>G</td> <td>25°48'26.94"N</td> <td>79°24'54.52"E</td> </tr> <tr> <td>F</td> <td>25°48'28.06"N</td> <td>79°24'36.70"E</td> </tr> <tr> <td>E</td> <td>25°48'29.51"N</td> <td>79°24'16.43"E</td> </tr> </tbody> </table>			Sanctioned Area			Point	Latitude	Longitude	A	25°48'32.76"N	79°24'16.24"E	B	25°48'28.26"N	79°24'54.78"E	C	25°48'17.63"N	79°24'52.27"E	D	25°48'17.83"N	79°24'17.44"E	Workable Area			D	25°48'17.83"N	79°24'17.44"E	E	25°48'29.51"N	79°24'16.43"E	F	25°48'28.06"N	79°24'36.70"E	G	25°48'26.94"N	79°24'54.52"E	C	25°48'17.63"N	79°24'52.27"E	Non Workable Area			A	25°48'32.76"N	79°24'16.24"E	B	25°48'28.26"N	79°24'54.78"E	G	25°48'26.94"N	79°24'54.52"E	F	25°48'28.06"N	79°24'36.70"E	E	25°48'29.51"N	79°24'16.43"E
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17. Total Geological Reserves	18,21,850 m ³																																																								
18. Total Mineable Reserves in LOI	7,28,640 m ³ /year																																																								
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21. Sanctioned Period of Mine lease	5 years																																																								
22. Production of mine/day	2650 m ³ /day																																																								
23. Method of Mining	Opencast manual/Semi mechanized																																																								
24. No. of working days	275 days																																																								
25. Working hours/day	12 hours																																																								
26. No. Of workers	Approximately 52 labours																																																								
27. No. Of vehicles movement/day	294 units																																																								

28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	SH 21 (Bilaraya Panwari Marg)- 2.50 km* (N)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.52
	Suppression of dust	6.0
	Plantation	0.90
	Others (if any)	-
	Total	7.42 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.326/khanij-M-M-C- Tees- Vividh (2018-19) dated 14/05/2018	
35. Details of Lease Area in approved DSR	Page No 63: Table No.20	
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,17,997/-	
37. Proposed EMP cost/ Total Project Cost	Rs 35,97,650/- & 1,43,00,000/-	
38. Length and Width of Haul Road	1000 m Length and 6 m width	
39. No. of Trees to be Planted	182	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category–I(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-02

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes. The committee also stipulated following conditions:

1. Air & Noise quality data of the particular mining lease should be carried out at least 04 locations within a radius of 01 K.M.
2. Specific information related to water & soil quality, flora & fauna within the lease area should also be provided in EIA report.
3. Haul road study related to air quality monitoring mitigation programme shall be provided.

Annexure-3

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CER cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and

- NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the predominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
 21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the project should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be

- charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 40. Public hearing shall be undertaken as per *la.v.* Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand-1, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : doeuplko@yahoo.com

Website : www.seiaaup.in

To,

Mr. Ramesh Chandra Mishra,
Authorized Signatory,
M/s Sanewin Infrastructure Pvt. Ltd.
H.No. Branch-06, Sarojni Naidu Marg,
District-Lucknow, Uttar Pradesh.

Ref. No.....307...../Parya/SEAC/4304/2017

Date: 30 July, 2018

Sub: Terms of Reference for proposed River bed Sand/Morrum Mining Project from Betwa River at Khand No. 26/7, Village-Chandwari Ghurouli, Tehsil- Sarila, District- Hamirpur, U.P., (Sanctioned Lease Area-36.437 ha.), M/s Sanewin Infrastructure Pvt. Ltd.

Dear Sir,

Please refer to your application/letter dated 17/05/2018 & 21-05-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 08-06-2018 and SEIAA in its meeting dated 04/07/2018.

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd., Lucknow. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1- The environmental clearance is sought for proposed River bed Sand/Morrum Mining Project from Betwa River at Khand No. 26/7, Village-Chandwari Ghurouli, Tehsil- Sarila, District- Hamirpur, U.P., (Sanctioned Lease Area-36.437 ha.), M/s Sanewin Infrastructure Pvt. Ltd.

2- Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/26125/2018
2. File No. allotted by SEIAA, UP	4304
3. Name of Proponent	M/s Sanewin Infrastructure Pvt. Ltd. Authorized Signatory- Shri Ramesh Chandra Mishra
4. Full correspondence address of proponent and mobile no.	M/s Sanewin Infrastructure Pvt. Ltd. Authorized Signatory- Shri Ramesh Chandra Mishra R/o H.No. Branch-06, Sarojini Naidu Marg, District - Lucknow, Uttar Pradesh
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 26/7
7. Name of River	Betwa
8. Name of Village	Chandwari Ghurouli
9. Tehsil	Sarila
10. District	Hamirpur
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	36.437 ha
13. Mineable Area (in ha)	29.937 ha

TQR for proposed River bed Sand/Morrum Mining Project from Betwa River at Khand No. 26/7, Village-Chandwari Ghurouli, Tehsil- Sarila, District- Hamirpur.U.P., (Sanctioned Lease Area-36.437 ha.), M/s Sanewin Infrastructure Pvt. Ltd.

14. Zero level mRL	107 mRL		
15. Max. & Min mRL within lease area	116 mRL and 112 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	25°48'32.76"N	79°24'16.24"E
	B	25°48'28.26"N	79°24'54.78"E
	C	25°48'17.63"N	79°24'52.27"E
	D	25°48'17.83"N	79°24'17.44"E
	Workable Area		
	D	25°48'17.83"N	79°24'17.44"E
	E	25°48'29.51"N	79°24'16.43"E
	F	25°48'28.06"N	79°24'36.70"E
	G	25°48'26.94"N	79°24'54.52"E
	C	25°48'17.63"N	79°24'52.27"E
	Non Workable Area		
	A	25°48'32.76"N	79°24'16.24"E
B	25°48'28.26"N	79°24'54.78"E	
G	25°48'26.94"N	79°24'54.52"E	
F	25°48'28.06"N	79°24'36.70"E	
E	25°48'29.51"N	79°24'16.43"E	
17. Total Geological Reserves	18,21,850 m ³		
18. Total Mineable Reserves in LOI	7,28,640 m ³ /year		
19. Total Proposed Production	7,28,640 m ³ /annum (36,43,200 m ³ in 05 years)		
20. Proposed Production/year	7,28,640m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2650 m ³ /day		
23. Method of Mining	Opencast manual/Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	294 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 21 (Bilaraya Panwari Marg)- 2.50 km* (N)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	6.0	
	Plantation	0.90	
	Others (if any)	-	
	Total	7.42 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.326/khanij-M-M-C- Tees- Vividh (2018-19) dated 14/05/2018		
35. Details of Lease Area in approved DSR	Page No 63; Table No.20		

TOR for proposed River bed Sand/Morrum Mining Project from Betwa River at Khand No. 26/7, Village-Chandwari Ghuruli, Tehsil-Sarila, District-Hamirpur, U.P., (Sanctioned Lease Area-36.437 ha.), M/s Sanwin Infrastructure Pvt. Ltd.

36. Proposed CSR cost	5% of total project cost i.e. Rs.7,17,997/-
37. Proposed EMP cost/ Total Project Cost	Rs 35,97,690/- & 1,43,00,000/-
38. Length and Width of Haul Road	1000 m Length and 6 m width
39. No. of Trees to be Planted	182

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue following terms of reference (TOR) for the preparation of EIA.

1. Air & Noise quality data of the particular mining lease should be carried out at least 04 locations within a radius of 01 K.M.
2. Specific information related to water & soil quality, flora & fauna within the lease area should also be provided in EIA report.
3. Haul road study related to air quality monitoring mitigation programme shall be provided.
4. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
5. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
6. CSR cost to be calculated for individual lease.
7. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
8. The lab conducting the analysis should be authenticated and registered.
9. Public hearing to be conducted as per EIA Notification, 2006.
10. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
11. Approved mining plans for all the mining projects.
12. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
13. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
14. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
15. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
16. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from

- the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
17. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
 18. Impact of change of land use should be given.
 19. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
 20. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
 21. 02 km kachcha haul road to be made motorable. Submit Plan.
 22. One season (Non Monsoon) primary baseline data on ambient air quality ($PM_{2.5}$, PM_{10} , SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
 23. There should be at least one monitoring station within 500 m of the mine lease in the predominant downwind direction. The mineralogical composition of PM_{10} particularly for free silica should be given.
 24. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 25. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 26. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 27. Details of water conservation measures proposed to be adopted in the project should be given.
 28. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 29. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 30. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 31. Details of rainwater harvesting proposed, if any, in the project should be provided.
 32. Information on reduced levels site elevation, working depth, groundwater table etc. below

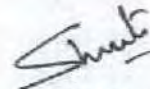
- natural surface level should be provided. A schematic diagram may also be provided for the same.
33. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 34. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 35. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 36. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 37. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 38. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
 39. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 40. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 41. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 42. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 43. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 44. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 45. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 46. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 47. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 48. The company will have a well laid down Environment Policy approved by its Board of

TOR for proposed River bed Sand/Morrum Mining Project from Betwa River at Khand No. 26/7, Village-Chandwari Ghurouli, Tehsil- Sarila, District- Hamirpur, U.P., (Sanctioned Lease Area-36.437 ha.), M/s Sanewin Infrastructure Pvt. Ltd.

Directors and it may be detailed in EIA report.

49. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
50. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
51. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.


This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

No...../Parya/SEAC/4304/2018 Dated: As above

Copy with enclosure for Information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate, Hamirpur.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Copy to Web Master/ guard file.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

Minutes of the 218th Meeting of the SEIAA held on 04/07/2018

discussed in the meeting. The following decisions were taken -

1. Proposed River bed Sand/Morrum Mining Project from Ganga River at Khand No.-1 Gata No.- 2/1 (Area-7.40 Ha) in Cluster located at Village- Unchgaon Khadar, Tehsil -Debai, District- Bulandshahar,U.P.,Shri. Dayashnker Dixit, File No. 4303/Proposal No. (SIA/UP/ MIN /26110/2018)

The SEIAA gone through the SEAC recommendations regarding the matter and noted that the project proponent did not appear in the SEAC meeting, so that the recommendation of the SEAC to close the case is accepted. It can be reopened, only if a request to this effect is received from the project proponent. The file shall not be treated as pending. The SEIAA agreed with the recommendation of SEAC.

2. Proposed River bed Sand/Morrum Mining Project from Betwa River for/s Sanewin Infrastructure Pvt. Ltd. located at Khand No.- 26/7,Village-Chandwari Ghurouli, Tehsil-Sarila, District- Hamirpur, U.P., Sanctioned Lease Area-36.437 ha, File No. 4304/Proposal No. (SIA/UP/ MIN /26125/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

3. Proposed River Ordinary Sand Mining Project for an Area- 22.76 Acre(9.216 ha) Khand No.- 02, Gata No.- 2/1, Village - Unchagaon Khadar, Tehsil - Dibai , District – Bulandshahar, U.P., Shri Jitendra Singh, Area 9.216 Ha, File No. 4309/Proposal No. (SIA/UP/ MIN /26128/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

4. Area- 84.0 Acre (34.00 Ha) For River Sand/ Morrums Mining Project at Khand No. G.M-02, Gata No. 127, 128, 130, 126, 125, 123, 124, 122, 121, 108, 97, 96, 95, 112, 99, 98, 93, 94, 129, 132, 140, Village - Gadhiwa Majhigawa, Tehsil- Khaga, District - Fatehpur U.P., M/s Sainik Foods Pvt.Ltd., Area 34.00 Ha File No. 4312/Proposal No. (SIA/UP/ MIN /26162/2018)

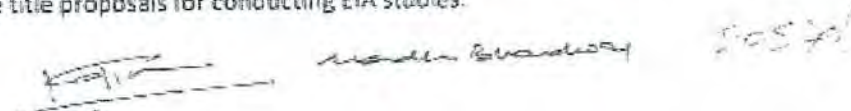
The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

5. Proposed River bed Sand/Morrums Mining Project from Betwa River for Shri Atikurrahman located at Khand No.-22/14, Village-Rirua Basaria, Tehsil-Sarila, District - Hamirpur,U.P., Sanctioned Lease Area - 24.291 ha, File No. 4317/Proposal No. (SIA/UP/ MIN /26178/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

6. Area- 90.0 Acre (36.437 Ha) Effective Workable Area- 80.12 Acrea (32.44 Ha) River Sand/Morrums Mining Project at Khand No./Gata No.-24/18, Village- Chikasi, Tehsil-Sarila, District - Hamirpur, U.P., M/s Khajuraho Motors Pvt.Ltd. Lease Area-36.437 Ha, File No. 4318/Proposal No. (SIA/UP/ MIN /26181/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.



- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 32,22,858/-shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Jalaun, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

6. Proposed Riverbed Sand/Morrum Mining Project from Betwa River of M/s Sanewin Infrastructure Pvt. at Khand No.26/7, Village - ChandwariGhurouli, Tehsil - Sarila, District - Hamirpur, Lease Area-36.437 ha, Effective working Area 29.937 ha File No. 4304/Proposal No. SIA/UP/MIN/26125/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.26/7, Village - ChandwariGhurouli, Tehsil - Sarila, District - Hamirpur, (Lease Area-36.437 ha), M/s Sanewin Infrastructure Pvt.
2. The public hearing was organized on 19/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/26125/2018
2. File No. allotted by SEIAA, UP	4304

Minutes of 363rd SEAC Meeting Dated 15/10/2018

3. Name of Proponent	M/s Sanewin Infrastructure Pvt. Ltd. Proporment- Shri Dinesh Pratap Singh																																																							
4. Full correspondence address of proponent and mobile no.	M/s Sanewin Infrastructure Pvt. Ltd. Authorized Signatory- Shri Ramesh Chandra Mishra R/o H.No. Branch-06, Sarojini Naidu Marg, District - Lucknow, Uttar Pradesh																																																							
5. Name of Project	Sand/Morrum Mining																																																							
6. Project location (Plot/Khasra/Gata No.)	Khand No. 26/7																																																							
7. Name of River	Betwa																																																							
8. Name of Village	ChandwariGhurouli																																																							
9. Tehsil	Sarila																																																							
10. District	Hamirpur																																																							
11. Name of Minor Mineral	Sand/Morrum																																																							
12. Sanctioned Lease Area (in ha)	36.437 ha																																																							
13. Mineable Area (in ha)	29.937 ha																																																							
14. Zero level mRL	107 mRL																																																							
15. Max. & Min mrl within lease area	116 mRL and 112 mRL																																																							
16. Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th colspan="3">Sanctioned Area</th> </tr> <tr> <th>Points</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>25°48'32.76"N</td> <td>79°24'16.24"E</td> </tr> <tr> <td>B</td> <td>25°48'28.26"N</td> <td>79°24'54.78"E</td> </tr> <tr> <td>C</td> <td>25°48'17.63"N</td> <td>79°24'52.27"E</td> </tr> <tr> <td>D</td> <td>25°48'17.83"N</td> <td>79°24'17.44"E</td> </tr> <tr> <th colspan="3">Workable Area</th> </tr> <tr> <td>D</td> <td>25°48'17.83"N</td> <td>79°24'17.44"E</td> </tr> <tr> <td>E</td> <td>25°48'29.51"N</td> <td>79°24'16.43"E</td> </tr> <tr> <td>F</td> <td>25°48'28.06"N</td> <td>79°24'36.70"E</td> </tr> <tr> <td>G</td> <td>25°48'26.94"N</td> <td>79°24'54.52"E</td> </tr> <tr> <td>C</td> <td>25°48'17.63"N</td> <td>79°24'52.27"E</td> </tr> <tr> <th colspan="3">Non Workable Area</th> </tr> <tr> <td>A</td> <td>25°48'32.76"N</td> <td>79°24'16.24"E</td> </tr> <tr> <td>B</td> <td>25°48'28.26"N</td> <td>79°24'54.78"E</td> </tr> <tr> <td>G</td> <td>25°48'26.94"N</td> <td>79°24'54.52"E</td> </tr> <tr> <td>F</td> <td>25°48'28.06"N</td> <td>79°24'36.70"E</td> </tr> <tr> <td>E</td> <td>25°48'29.51"N</td> <td>79°24'16.43"E</td> </tr> </tbody> </table>		Sanctioned Area			Points	Latitude	Longitude	A	25°48'32.76"N	79°24'16.24"E	B	25°48'28.26"N	79°24'54.78"E	C	25°48'17.63"N	79°24'52.27"E	D	25°48'17.83"N	79°24'17.44"E	Workable Area			D	25°48'17.83"N	79°24'17.44"E	E	25°48'29.51"N	79°24'16.43"E	F	25°48'28.06"N	79°24'36.70"E	G	25°48'26.94"N	79°24'54.52"E	C	25°48'17.63"N	79°24'52.27"E	Non Workable Area			A	25°48'32.76"N	79°24'16.24"E	B	25°48'28.26"N	79°24'54.78"E	G	25°48'26.94"N	79°24'54.52"E	F	25°48'28.06"N	79°24'36.70"E	E	25°48'29.51"N	79°24'16.43"E
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17. Total Geological Reserves	18,21,850 m ³																																																							
18. Total Mineable Reserves in LOI	7,28,640 m ³ /year																																																							
19. Total Proposed Production	7,28,640 m ³ /annum (36,43,200 m ³ in 05 years)																																																							
20. Proposed Production/year	7,28,640m ³																																																							
21. Sanctioned Period of Mine lease	5 years																																																							
22. Production of mine/day	2650 m ³ /day																																																							
23. Method of Mining	Opencast Semi mechanized																																																							
24. No. of working days	275 days																																																							
25. Working hours/day	12 hours																																																							
26. No. Of workers	Approximately 75 labours																																																							
27. No. Of vehicles movement/day	176 units																																																							
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)																																																							
29. Ultimate Depth of Mining	3 m																																																							
30. Nearest metalled road from site	SH 21 (BilarayaPanwariMarg)- 2.50 km* (N)																																																							
31. Water Requirement	<table border="1"> <thead> <tr> <th>PURPOSE</th> <th>REQUIREMENT (KLD)</th> </tr> </thead> <tbody> <tr> <td>Drinking</td> <td>2.03</td> </tr> <tr> <td>Suppression of dust</td> <td>16.0</td> </tr> </tbody> </table>		PURPOSE	REQUIREMENT (KLD)	Drinking	2.03	Suppression of dust	16.0																																																
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Minutes of 363rd SEAC Meeting Dated 15/10/2018

	Plantation	0.091
	Others (Stored water)	0.10
	Total	18.22 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.326/khanij-M-M-C- Tees- Vividh (2018-19) dated 14/05/2018	
35. Details of Lease Area in approved DSR	Page No 63; Table No.20	
36. Proposed CER cost	2% of total project cost i.e. Rs.4,74,13,020/-	
37. Proposed EMP cost/ Total Project Cost	Rs 39,60,486/- & 23,70,65,105/-	
38. Length and Width of Haul Road	Unpaved Length 1.0 km and Paved Length 7.98 km and 6 m width	
39. No. of Trees to be Planted	273	

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The project proponent also informed that as per EIA Notification 14th September, 2006, online submission of EIA report for appraisal after public hearing is next stage in the process of grant of environmental clearance. We are unable to submit our complete EIA report which is of approx. 85 MB on the MoEF&CC portal due to restriction of 20 MB file size. Hence, they are submitting only EMP of the project, minutes of public hearing, risk assessment document which constitute the main domain of an EIA report.

RESOLUTION AGAINST AGENDA NO-06

The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled.

The recommendation of EC will be subjected to general/ specific conditions as annexed at annexure 1 & 2 to these minutes. The committee also stipulated following specific conditions:

- 1- Pakkamotorable haul road to be maintained by the project proponent.
- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.

- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
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- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

Annexure-1

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM
MINING PROPOSALS**

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating

- projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParasad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.

35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of

- the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
15. The critical parameters such as PM10, PM2.5, SO₂ and NO_x in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
 16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
 17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
 18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
 19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO₂ and NO_x. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
 20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
 21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
 22. Solid waste material viz., gutkhapouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
 23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
 24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
 25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
 26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
 27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
 28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
 29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

Minutes of 363rd SEAC Meeting Dated 15/10/2018

30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from-river activities from river bank.

SEIAA and SEAC in accordance with law before a decision is taken in the matter. If this objection is rejected, the reasons may be given. The applicant will be at liberty to raise this objection before the committee."

In compliance to the said order of NGT dated 13-11-2018 a joint meeting of SEAC and SEIAA was held on 14-11-2018 in which it was decided that the SEAC will again carryout appraisal of this project on the basis of individual EIA. SEAC has again carried out appraisal in its meeting dated 16-11-2018 and has recommended to grant EC with certain general and specific conditions.

The SEIAA gone through the recommendation of SEAC dated 16-11-2018 to grant EC wherein it has mentioned that the Project proponent has submitted individual EIA and also made a presentation before SEAC.

Keeping in view of the recommendation of SEAC dated 16-11-2018 again to grant EC to the titled project, SEIAA decided to go with the recommendation of SEAC along with all the general and specific conditions as suggested by the SEAC adding one specific condition-"Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied".

18. Proposed Riverbed Sand/Morrum Mining Project from Betwa River of M/s Sanewin Infrastructure Pvt. at Khand No.26/7, Village - ChandwariGhurouli, Tehsil - Sarila, District - Hamirpur, Lease Area-36.437 ha. Effective working Area 29.937 ha File No. 4304/Proposal No. SLA/UP/MIN/26125/2018

The SEIAA gone through the recommendation of SEAC to grant E.C. with the general and specific conditions. The SEIAA also gone through the file and noted that the case was earlier recommended by SEAC in its meeting dated 15-10-2018 for grant of EC with the comments that-

"The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting. The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled"

The SEIAA also noted that this matter was taken in its earlier meeting dated 05-11-2018 and was referred back to SEAC since it did not find it appropriate to issue E.C. in view of the above comments. In the mean time Hon'ble NGT ordered dated 13-11-2018 in MA no.-1622/2018 of OA no.-912/2018 that-

3- *"We are of the view that this objection may be considered in the joint committee of SEIAA and SEAC in accordance with law before a decision is taken in the matter. If this objection is rejected, the reasons may be given. The applicant will be at liberty to raise this objection before the committee."*

In compliance to the said order of NGT dated 13-11-2018 a joint meeting of SEAC

Fotina

Madan Chandola

RPS

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand-1, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : doeuplko@yahoo.com

Website : www.seiaaup.in

To,

Mr. Ramesh Chandra Mishra,
Authorized Signatory,
M/s Sanewin Infrastructure Pvt. Ltd.
H.No. Branch-06, Sarojni Naidu Marg,
District-Lucknow, Uttar Pradesh.

Ref. No. 492/Parya/SEAC/4304/2018

Date: 24 November, 2018

Sub: Environmental Clearance for Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.26/7, Village - ChandwariGhurouli, Tehsil - Sarila, District - Hamirpur, (Lease Area-36.437 ha), M/s Sanewin Infrastructure Pvt.

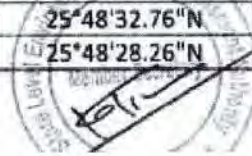
Dear Sir,

Please refer to your application/letter dated 17-05-2018, 21-05-2018, 04-10-2018, 15-10-2018 & 01-11-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 15-10-2018 & 16-11-2018.

A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.26/7, Village - ChandwariGhurouli, Tehsil - Sarila, District - Hamirpur, (Lease Area-36.437 ha), M/s Sanewin Infrastructure Pvt.
2. The public hearing was organized on 19/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/26125/2018												
2. File No. allotted by SEIAA, UP	4304												
3. Name of Proponent	M/s Sanewin Infrastructure Pvt. Ltd. Proponent- Shri Dinesh Pratap Singh												
4. Full correspondence address of proponent and mobile no.	M/s Sanewin Infrastructure Pvt. Ltd. Authorized Signatory- Shri Ramesh Chandra Mishra R/o H.No. Branch-06, Sarojini Naidu Marg, District - Lucknow, Uttar Pradesh												
5. Name of Project	Sand/Morrum Mining												
6. Project location (Plot/Khasra/Gata No.)	Khand No. 26/7												
7. Name of River	Betwa												
8. Name of Village	ChandwariGhurouli												
9. Tehsil	Sarila												
10. District	Hamirpur												
11. Name of Minor Mineral	Sand/Morrum												
12. Sanctioned Lease Area (in ha)	36.437 ha												
13. Mineable Area (in ha)	29.937 ha												
14. Zero level mRL	107 mRL												
15. Max. & Min mrl within lease area	116 mRL and 112 mRL												
16. Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th colspan="3">Sanctioned Area</th> </tr> <tr> <th>Points</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>25°48'32.76"N</td> <td>79°24'16.24"E</td> </tr> <tr> <td>B</td> <td>25°48'28.26"N</td> <td>79°24'54.78"E</td> </tr> </tbody> </table>	Sanctioned Area			Points	Latitude	Longitude	A	25°48'32.76"N	79°24'16.24"E	B	25°48'28.26"N	79°24'54.78"E
Sanctioned Area													
Points	Latitude	Longitude											
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E.C. for Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.26/7, Village - ChandwariGhurouli, Tehsil - Sarila District - Hamirpur, (Lease Area-36.437 ha), M/s Sanewin Infrastructure Pvt.

	C	25°48'17.63"N	79°24'52.27"E
	D	25°48'17.83"N	79°24'17.44"E
	Workable Area		
	D	25°48'17.83"N	79°24'17.44"E
	E	25°48'29.51"N	79°24'16.43"E
	F	25°48'28.06"N	79°24'36.70"E
	G	25°48'26.94"N	79°24'54.52"E
	C	25°48'17.63"N	79°24'52.27"E
	Non Workable Area		
	A	25°48'32.76"N	79°24'16.24"E
	B	25°48'28.26"N	79°24'54.78"E
	G	25°48'26.94"N	79°24'54.52"E
	F	25°48'28.06"N	79°24'36.70"E
	E	25°48'29.51"N	79°24'16.43"E
17. Total Geological Reserves	18,21,850 m ³		
18. Total Mineable Reserves in LOI	7,28,640 m ³ /year		
19. Total Proposed Production	7,28,640 m ³ /annum (36,43,200 m ³ in 05 years)		
20. Proposed Production/year	7,28,640m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2650 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 75 labours		
27. No. Of vehicles movement/day	176 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 21 (BilarayaPanwariMarg)- 2.50 km* (N)		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		2.03
	Suppression of dust		16.0
	Plantation		0.091
	Others (Stored water)		0.10
	Total		18.22 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.326/khanij-M-M-C- Tees- Vividh (2018-19) dated 14/05/2018		
35. Details of Lease Area in approved DSR	Page No 63; Table No.20		
36. Proposed CER cost	2% of total project cost i.e. Rs.4,74,13,020/-		
37. Proposed EMP cost/ Total Project Cost	Rs 39,60,486/- & 23,70,65,105/-		
38. Length and Width of Haul Road	Unpaved Length 1.0 km and Paved Length 7.98 km and 6 m width		
39. No. of Trees to be Planted	273		



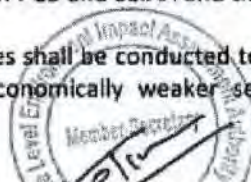
E.C. for Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.26/7, Village - ChandwariGhurouli, Tehsil - Sarlia,
District - Hamirpur, (Lease Area-36.437 ha), M/s Sanewin Infrastructure Pvt.

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 15-10-2018 & 16/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 22/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 7,28,640 m³/year is proposed from mining lease area 36.437 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating



E.C. for Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.26/7, Village - ChandwariGhurouli, Tehsil - Sarila, District - Hamirpur, (Lease Area-36.437 ha), M/s Sanewin Infrastructure Pvt.

- projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
 36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.

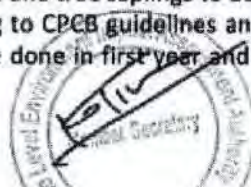


E.C. for Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.26/7, Village - Chandwar/Ghurouli, Tehsil - Sarila, District - Hamirpur, (Lease Area-36.437 ha), M/s Sanewin Infrastructure Pvt.

37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. Pakka motorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.



E.C. for Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.26/7, Village - ChandwariGhurouli, Tehsil - Sarila, District - Hamirpur, (Lease Area-36.437 ha), M/s Sanewin Infrastructure Pvt.

13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 4,74,13,020/-shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
19. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling with in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.



E.C. for Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.26/7, Village - ChandwariGhurouli, Tehsil - Sarila, District - Hamirpur, (Lease Area-36.437 ha), M/s Sanewin Infrastructure Pvt.

33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., gutkhapouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.



E.C. for Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.26/7, Village - ChandwariGhurouli, Tehsil - Sarila, District - Hamirpur, (Lease Area-36.437 ha), M/s Sanewin Infrastructure Pvt.

52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along-with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.



Ref. No. /Parya/SEAC/4304/2018 Dated: As above

Copy for Information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.

(Ashish Tiwari)
Member Secretary, SEIAA

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30. Nearest metalled road from site	SH-13	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	1.0 KLD
	Suppression of dust	25.5 KLD
	Plantation	3.5 KLD
	Others (if any)	
	Total	30.0 kld
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1619, validity=31-01-2019	
33. Any litigation pending against the project or land in any court	No	
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 476/upkhanij (2018-19) dated. 18-05-2018	
35. Details of Lease Area in approved DSR	Page No.29	
36. Proposed CSR cost	Rs.-5,00,000/-	
37. Proposed EMP cost	Capital Rs-1,00,000/- recurring cost- Rs 7,00,000/-	
38. Length and breadth of Haul Road	2120 m, 6 m	
39. No. of Trees to be Planted	2200 plants	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-04

The committee discussed the matter and directed the project proponent to submit following information:

- 1- Cluster certificate on prescribed format should be submitted.
- 2- Geo coordinate of submerged, workable & total area, duly verified by DMO, to be provided (only Geo-coordinate of total area is verified by DMO).
- 3- Surface plan depicting contour should be reexamined.

The matter shall be discussed only after submission of information as above on online prescribed portal.

5. Proposed River Bed Sand/Morrum Mining Project from Betwa River for M/s Baba Bholenath Traders located at Khand No.- 10/36, Village-Beri, Tehsil & District-Hamirpur,U.P., (Leased Area- 12.145 Ha), (File No. 4376/Proposal No. (SIA/UP/ MIN /27993/2018)

A presentation was made by the project proponent along with their consultant M/s ENV DAS India Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining Project from Betwa River at Khand No.- 10/36, Village-Beri, Tehsil & District-Hamirpur,U.P., (Leased Area- 12.145 Ha), M/s Baba Bholenath Traders.

2- Salient features of the project as submitted by the project proponent:-

On-line proposal No.	SIA/UP/MIN/27993/2018		
File No. allotted by SELAA, UP	4376		
Name of Proponent	M/s Baba Bholenath Traders Shri Brajesh Chandra Tripathi S/o Shri Rajaram		
Full correspondence address of proponent and mobile no.	M/s Baba Bholenath Traders Shri Brajesh Chandra Tripathi S/o Shri Rajaram R/o Village – Dhingpur, Hari Nagar, P.S. - Sikanderpur, District - Kannauj, Uttar Pradesh. 209725		
Name of Project	Sand/Morrum Mining		
Project location (Plot/Khasra/Gata No.)	Khand No. 10/36		
Name of River	Betwa River		
Name of Village	Ben		
Tehsil	Hamirpur		
District	Hamirpur		
Name of Minor Mineral	Sand/Morrum		
Sanctioned Lease Area (in ha)	12.145 ha		
Mineable Area (in ha)	8.855 ha		
Zero level mRL	94 mRL		
Max. & Min mrl within lease area	98 mRL and 100 mRL		
Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	25°53'25.82"N	79°53'19.85"E
	B	25°53'40.42"N	79°53'17.45"E
	C	25°53'44.21"N	79°53'31.88"E
	D	25°53'25.84"N	79°53'22.83"E
	Workable Area		
	B	25°53'40.42"N	79°53'17.45"E
	C	25°53'44.21"N	79°53'31.88"E
	G	25°53'35.15"N	79°53'27.40"E
	F	25°53'32.21"N	79°53'18.81"E
	D	25°53'25.84"N	79°53'22.83"E
	E	25°53'26.33"N	79°53'19.81"E
	H	25°53'28.94"N	79°53'24.36"E
Non Workable Area			
E	25°53'26.33"N	79°53'19.81"E	
F	25°53'32.21"N	79°53'18.81"E	
G	25°53'35.15"N	79°53'27.40"E	
H	25°53'28.94"N	79°53'24.36"E	
Total Geological Reserves	6,07,250 m ³		
Total Mineable Reserves in LOI	1,94,304 m ³ /year		
Total Proposed Production	1,94,304 m ³ /year (9,71,520 m ³ in 05 years)		
Proposed Production/year	1,94,304 m ³		
Sanctioned Period of Mine lease	5 years		
Production of mine/day	706.56 m ³ /day		
Method of Mining	Opencast /Semi-Mechanized		
No. of working days	275 days		
Working hours/day	12 hours		
No. Of workers	Approx.mately 52 labours		
No. Of vehicles movement/day	78 units		
Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
Ultimate Depth of Mining	3 m		

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Nearest metalled road from site	SH 42 (Hamirpur - Jhansi) : 12.20 km*(W)	
Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.52
	Suppression of dust	12.0
	Plantation	0.04
	Others (if any)	-
	Total	12.56 KLD
Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
Any litigation pending against the project or land in any court	None	
Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No. 616/khanj-M-M-C- Tees- Vividh (2018-19) dated 17/07/2018	
Details of Lease Area in approved DSR	Page No 63; Table No.20	
Proposed CSR cost	5% of total project cost i.e. Rs.7,02,297/-	
Proposed EMP cost/ Total Project Cost	Rs 30,17,495/- & 1,40,45,945/-	
Length and Width of Haul Road	1020 m Length and 6 m width	
No. of Trees to be Planted	61	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category- 1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-05

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure 1 to these minutes.

6. **“Khaptiha Kalan” Sand/Morrum Mine Project from Ken River for M/s Kaims Infra Developers located at Gata No.- 61/3, Block No.- 28, Village- Khaptiha Kalan, Tehsil- Pailani, District- Banda, U.P., (Leased Area- 20.0 Ha), File No. 4377/Proposal No. (SIA/UP/ MIN /28005/2018)**

Resolution against agenda no-06

A presentation was made by the project proponent along with their consultant M/s Greencindia Consulting Private Limited. The committee discussed the matter and directed the project proponent to submit following information:

- 1- Mismatch in area (khasra no.) mentioned in DSR, LOI and Form-1 should be clarified by DM.
- 2- Geo coordinate of submerged, workable & total area, duly verified by DMO, to be provided.

The matter shall be discussed only after submission of information as above on online prescribed portal.

Annexure-1

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Regional combined EMP study should be carried out.
3. Regional combined area of homogeneous leases in cluster situation should be verified by DMO.
4. ~~Certificate from Mining Officer that there is no other mining area exit within 500 m periphery~~
5. CER cost to be calculated for individual lease.
6. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
7. The lab conducting the analysis should be authenticated and registered.
8. Public hearing to be conducted as per EIA Notification, 2006.
9. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
10. Approved mining plans for all the mining projects.
11. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
12. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
13. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
14. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
15. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
16. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
17. Impact of change of land use should be given.
18. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
19. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
20. 02 km kachcha haul road to be made motorable. Submit Plan.

21. One season (Non Monsoon) primary base line data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
22. There should be at least one monitoring station within 500 m of the mine lease in the predominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
23. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
24. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
25. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
26. Details of water conservation measures proposed to be adopted in the project should be given.
27. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
28. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
29. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
30. Details of rainwater harvesting proposed, if any, in the project should be provided.
31. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
32. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
33. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
34. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
35. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
36. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
37. Phase-wise plan of green belt development, plantation and compensatory afforestation should be

- charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
38. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 39. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 40. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 41. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 42. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 43. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 44. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 45. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 46. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 47. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 48. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 49. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 50. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

State Level Environment Impact Assessment Authority, Uttar Pradesh

Uploaded on Directorate of Environment, U.P.
www.seiaaup.in
Vijay Khand-I, Gomti Nagar, Lucknow - 226 010
Phone: 91-522-2300 541, Fax: 91-522-2300 543
E-mail: doepilko@yahoo.com
Website: www.seiaaup.in

To,
Shri Brajesh Chandra Tripathi,
Owner,
Village- Dhingpur, Mouza- Hari Nagar,
P.S.- Sikanderpur, District- Kannauj, U.P-209725

Ref. No. 336/Parya/SEAC/4376/2017

Date: 20 August, 2018

Sub: Terms of Reference for Proposed River Bed Sand/Morrum Mining Project from Betwa River at Khand No.- 10/36, Village-Beri, Tehsil & District-Hamirpur, U.P., (Leased Area- 12.145 Ha), M/s Baba Bholenath Traders.

Dear Sir,

Please refer to your application/letter dated 03-07-2018 & 06-07-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 18/07/2018 and SEIAA in its meeting dated 03/08/2018.

A presentation was made by the project proponent along with their consultant M/s ENV DAS India Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining Project from Betwa River at Khand No.- 10/36, Village-Beri, Tehsil & District-Hamirpur, U.P., (Leased Area- 12.145 Ha), M/s Baba Bholenath Traders.
- 2- Salient features of the project as submitted by the project proponent:-

On-line proposal No.	SIA/UP/MIN/27993/2018
File No. allotted by SEIAA, UP	4376
Name of Proponent	M/s Baba Bholenath Traders Shri Brajesh Chandra Tripathi S/o Shri Rajaram
Full correspondence address of proponent and mobile no.	M/s Baba Bholenath Traders Shri Brajesh Chandra Tripathi S/o Shri Rajaram R/o Village - Dhingpur, Hari Nagar, P.S. - Sikanderpur, District - Kannauj, Uttar Pradesh. 209725
Name of Project	Sand/Morrum Mining
Project location (Plot/Khasra/Gata No.)	Khand No. 10/36
Name of River	Betwa River
Name of Village	Beri
Tehsil	Hamirpur
District	Hamirpur
Name of Minor Mineral	Sand/Morrum
Sanctioned Lease Area (in ha)	12.145 ha
Mineable Area (in ha)	8.855 ha
Zero level mRL	94 mRL
Max. & Min mrl within lease area	98 mRL and 100 mRL

TDR for Proposed River Sand (Bottom) Mining Project from Betwa River at Khand No.- 30/25, Village-Beril, Tehsil & District-Hamirpur, U.P., (Leased Area- 32.145 Ha), M/s Babu Bholenath Traders.

Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	25°53'25.82"N	79°53'19.85"E
	B	25°53'40.42"N	79°53'17.45"E
	C	25°53'44.21"N	79°53'31.88"E
	D	25°53'25.84"N	79°53'22.83"E
	Workable Area		
	B	25°53'40.42"N	79°53'17.45"E
	C	25°53'44.21"N	79°53'31.88"E
	G	25°53'35.15"N	79°53'27.40"E
	F	25°53'32.21"N	79°53'18.81"E
	D	25°53'25.84"N	79°53'22.83"E
	E	25°53'26.33"N	79°53'19.81"E
	H	25°53'28.94"N	79°53'24.36"E
Non Workable Area			
E	25°53'26.33"N	79°53'19.81"E	
F	25°53'32.21"N	79°53'18.81"E	
G	25°53'35.15"N	79°53'27.40"E	
H	25°53'28.94"N	79°53'24.36"E	
Total Geological Reserves	6,07,250 m ³		
Total Mineable Reserves in LOI	1,94,304 m ³ /year		
Total Proposed Production	1,94,304 m ³ /year (9,71,520 m ³ in 05 years)		
Proposed Production/year	1,94,304 m ³		
Sanctioned Period of Mine lease	5 years		
Production of mine/day	706.56 m ³ /day		
Method of Mining	Opencast/Semi-Mechanized		
No. of working days	275 days		
Working hours/day	12 hours		
No. Of workers	Approximately 52 labours		
No. Of vehicles movement/day	78 units		
Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
Ultimate Depth of Mining	3 m		
Nearest metalled road from site	SH 42 (Hamirpur - Jhansi) : 12.20 km ² (W)		
Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	12.0	
	Plantation	0.04	
	Others (if any)	-	
	Total	12.56 KLD	
Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
Any litigation pending against the project or land in any court	None		
Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.616/khanij-M-M-C- Tees- Vividh (2018-19) dated 17/07/2018		
Details of Lease Area in approved DSR	Page No 63; Table No.20		
Proposed CSR cost	5% of total project cost i.e. Rs.7,02,297/-		

TOR for Proposed River Bed Sand/Morron Mining Project from Setua River at Kinod No.- 10/35, Village-Bari, Tehsil & District-Hamirpur, U.P., (Leased Area- 12.145 Ha), M/s Baba Bhola Nath Traders.

Proposed EMP cost/ Total Project Cost	Rs 30,17,495/- & 1,40,45,945/-
Length and Width of Haul Road	1020 m Length and 6 m width
No. of Trees to be Planted	51

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The committee discussed the matter in light of MDEFCC Notification dated 15/01/2016 and recommended to issue following terms of reference (TOR) for the preparation of EIA.

- 1- The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
- 2- Regional combined EMP study should be carried out.
- 3- Regional combined area of homogeneous leases in cluster situation should be verified by DMO.
- 4- Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
- 5- CER cost to be calculated for individual lease.
- 6- An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
- 7- The lab conducting the analysis should be authenticated and registered.
- 8- Public hearing to be conducted as per EIA Notification, 2006.
- 9- A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
- 10- Approved mining plans for all the mining projects.
- 11- All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
- 12- The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
- 13- Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
- 14- Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
- 15- Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
- 16- A detailed biological study for the study area (core zone and buffer zone (10 km radius of the periphery of the mine lease)) shall be carried out covering both terrestrial and aquatic

flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.

- 17- Impact of change of land use should be given.
- 18- Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
- 19- R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
- 20- 02 km kachcha haul road to be made motorable. Submit Plan.
- 21- One season (Non Monsoon) primary baseline data on ambient air quality (PM2.5, PM10, SOx and NOx), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
- 22- There should be at least one monitoring station within 500 m of the mine lease in the predominant downwind direction. The mineralogical composition of PM10 particularly for free silica should be given.
- 23- Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
- 24- The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
- 25- Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
- 26- Details of water conservation measures proposed to be adopted in the project should be given.
- 27- Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
- 28- Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
- 29- Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
- 30- Details of rainwater harvesting proposed, if any, in the project should be provided.
- 31- Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.

- 32- Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
- 33- The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
- 34- Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
- 35- Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
- 36- Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
- 37- Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
- 38- Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
- 39- Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
- 40- Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
- 41- Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
- 42- Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
- 43- Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
- 44- The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
- 45- Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
- 46- Proponent should submit attested photocopy of the sanction of mining lease by the State Government.

TOB for Proposed River Bed Sand/Mercury Mining Project from Betwa River at Khand No. 20/16, Village-Buri, Tehsil B.
District-Hamirpur, A.P., (Leased Area- 12.165 Ha), M/s Baba Bhola Nath Traders.

- 47- The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
- 48- The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
- 49- The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
- 50- The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.


This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

No..... /Parya/SEAC/4376/2018 Dated: As above

Copy with enclosure for information and necessary action to:

1. The Prncipal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate, Hamirpur.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Copy to Web Master/ guard file.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

26. Proposed Riverbed Sand/Morrum Mining Project from Betwa River of M/s Baba Bholepath Traders, located at Khand No.- 10/36, Village-Beri, Tehsil- Hamirpur, District-Hamirpur, U.P. Sanctioned Lease Area-12.145 Ha, File No. 4376/Proposal No.SIA/UP/MIN/27991/2018

The SEIAA gone through the recommendation of SEAC to grant E.C. with the general and specific conditions. The SEIAA also gone through the file and noted that the case was earlier recommended by SEAC in its meeting dated 16-10-2018 for grant of EC with the comments that-

"The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting. The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled"


The SEIAA also noted that this matter was taken in its earlier meeting dated 06-11-2018 and was referred back to SEAC since it did not find it appropriate to issue E.C. in view of the above comments. In the mean time Hon'ble NGT ordered dated 13-11-2018 in MA no.-1622/2018 of OA no.-912/2018 that-

3- "We are of the view that this objection may be considered in the joint committee of SEIAA and SEAC in accordance with law before a decision is taken in the matter. If this objection is rejected, the reasons may be given. The applicant will be at liberty to raise this objection before the committee."

In compliance to the said order of NGT dated 13-11-2018 a joint meeting of SEAC and SEIAA was held on 14-11-2018 in which it was decided that the SEAC will again carryout appraisal of this project on the basis of individual EIA. SEAC has again carried out appraisal in its meeting dated 16-11-2018 and has recommended to grant EC with certain general and specific conditions.

The SEIAA gone through the recommendation of SEAC dated 16-11-2018 to grant EC wherein it has mentioned that the Project proponent has submitted individual EIA and also made a presentation before SEAC.

Keeping in view of the recommendation of SEAC dated 16-11-2018 again to grant EC to the titled project, SEIAA decided to go with the recommendation of SEAC along with all the general and specific conditions as suggested by the SEAC adding one specific condition-"Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied".



name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.

- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

3. Proposed Riverbed Sand/Morrum Mining Project from Betwa River of M/s Baba Bholenath Traders, located at Khand No.- 10/36, Village-Beri, Tehsil- Hamirpur, District-Hamirpur, U.P.,Sanctioned Least Area-12.145 Ha, File No. 4376/Proposal No.SIA/UP/MIN/27993/2018

A presentation was made by the project proponent alongwith their consultant M/s BNV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.- 10/36, Village-Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., (Sanctioned Lease Area-12.145 Ha.), M/s Baba Bholenath Traders.
2. The public hearing was organized on 18/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/27993/2018		
2. File No. allotted by SEIAA, UP	4376		
3. Name of Proponent	M/s Baba Bholenath Traders Shri Brajesh Chandra Tripathi S/o Shri Rajaram		
4. Full correspondence address of proponent and mobile no.	M/s Baba Bholenath Traders Shri Brajesh Chandra Tripathi S/o Shri Rajaram R/o Village - Dhingpur, Hari Nagar, P.S. - Sikanderpur, District - Kannauj, Uttar Pradesh. 209725		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 10/36		
7. Name of River	Betwa River		
8. Name of Village	Beri		
9. Tehsil	Hamirpur		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	12.145 ha		
13. Mineable Area (in ha)	8.855 ha		
14. Zero level mRL	94 mRL		
15. Max. & Min mrl within lease area	98 mRL and 100 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude

Minutes of 364th SEAC Meeting Dated 16/10/2018

	A	25°53'25.82"N	79°53'19.85"E
	B	25°53'40.42"N	79°53'17.45"E
	C	25°53'44.21"N	79°53'31.88"E
	D	25°53'25.84"N	79°53'22.83"E
	Workable Area		
	B	25°53'40.42"N	79°53'17.45"E
	C	25°53'44.21"N	79°53'31.88"E
	G	25°53'35.15"N	79°53'27.40"E
	F	25°53'32.21"N	79°53'18.81"E
	D	25°53'25.84"N	79°53'22.83"E
	E	25°53'26.33"N	79°53'19.81"E
	H	25°53'28.94"N	79°53'24.36"E
	Non Workable Area		
	E	25°53'26.33"N	79°53'19.81"E
	F	25°53'32.21"N	79°53'18.81"E
	G	25°53'35.15"N	79°53'27.40"E
	H	25°53'28.94"N	79°53'24.36"E
17. Total Geological Reserves	6,07,250 m ³		
18. Total Mineable Reserves in LOI	1,94,304 m ³ /year		
19. Total Proposed Production	1,94,304 m ³ /year (9,71,520 m ³ in 05 years)		
20. Proposed Production/year	1,94,304 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	706.56 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 73 labours		
27. No. Of vehicles movement/day	47 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 42 (Hamirpur - Jhansi) : 12.20 km*(W)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.33	
	Suppression of dust	3.60	
	Plantation	0.030	
	Others (Stored water)	0.10	
	Total	5.06 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.616/khanij-M-M-C- Tees- Vividh (2018-19) dated 17/07/2018		
35. Details of Lease Area in approved DSR	Page No 63; Table No.20		
36. Proposed CER cost	2% of total project cost i.e. Rs.21,79,589/-		
37. Proposed EMP cost/ Total Project Cost	Rs 19,81,821/- & 10,89,79,456/-		
38. Length and Width of Haul Road	Unpaved Length 0.2 km and Paved Length 11.4 km and 6 m width		
39. No. of Trees to be Planted	91		

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.

6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The project proponent also informed that as per EIA Notification 14th September, 2006, online submission of EIA report for appraisal after public hearing is next stage in the process of grant of environmental clearance. We are unable to submit our complete EIA report which is of approx. 85 MB on the MoEF&CC portal due to restriction of 20 MB file size. Hence, they are submitting only EMP of the project, minutes of public hearing, risk assessment document which constitute the main domain of an EIA report.

RESOLUTION AGAINST AGENDA NO-03

The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled.

The recommendation of EC will be subjected to general/ specific conditions as annexed at annexure 1 & 2 to these minutes. The committee also stipulated following specific conditions:

- 1- Pakka motorable haul road to be maintained by the project proponent.
- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.

- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 21,79,589/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

4. Proposed Sand/Moorum Mining Project Khand No. 20/6, Vill: Tikapur, Tehsil Maudaha, Distt: Hamirpur, U.P. Leased area 24.291 ha. File No. 4156/Proposal No.SIA/UP/MIN/22632/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Sand/Moorum Mining Project Khand No. 20/6, Vill: Tikapur, Tehsil Maudaha, Distt: Hamirpur, U.P. (Leased area 24.291 ha).
2. The public hearing was organized on 20/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/22632/2018
2. File No. allotted by SBIAA, UP	4156
3. Name of Proponent	M/s D. V. Construction Proprietor - Smt. Suman Devi
4. Full correspondence address of proponent and mobile no.	M/s D. V. Construction Proprietor- Smt. Suman Devi W/o Shri Indra Bahadur Yadav R/o Village - Digura Jot, Tehsil- Katra Ikauna, District - Shrawasti, Uttar Pradesh. 271845
5. Name of Project	Sand/Moorum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 20/6
7. Name of River	Betwa
8. Name of Village	Tikapur

Annexure-1

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM
MINING PROPOSALS**

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farms, fruit bearing orchards, vocational training etc. can

- form a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.

36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500m. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.

15. The critical parameters such as PM10, PM2.5, SO₂ and NO_x in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO₂ and NO_x. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

Minutes of the 225th Meeting of the SEIAA held on 03/08/2018

3. Proposed River Bed Sand/Morrum Mining Project on Ganga River at Khand No.- 1, Gata No.-1, Village-Uchagaon Khadar, Tehsil- Dibal, District- Bulandshahr, U.P. Shri Girish Chandra, (Leased Area-9.879 Ha), File No. 4374/Proposal No. (SIA/UP/ MIN /27950/2018)

The SEIAA agreed with the recommendations of the SEAC that the project proponent is to be asked to submit information regarding the matter as suggested by the SEAC.

4. Proposed Project of riverbed "Korra Kanal (K-2)" Sand/Morrum Mining Project for an area of 40.48 ha (Plot No.- 381, 378, 383, 382, 384, 385, 386 MI, 391) and cluster area 80.96 ha, at River Bank of Yamuna at Village: Korra Kanak, Tehsil: Fatehpur, District: Fatehpur, U.P., M/s Kamwar Enterprises Pvt.Ltd., (Leased Area- 40.48 Ha), File No. 4379/Proposal No. (SIA/UP/ MIN /27981/2018)

The SEIAA agreed with the recommendations of the SEAC that the project proponent is to be asked to submit information regarding the matter as suggested by the SEAC.

5. Proposed River Bed Sand/Morrum Mining Project from Betwa River for M/s Baba Bholanath Traders located at Khand No.- 10/36, Village-Beri, Tehsil & District- Hamirpur, U.P., (Leased Area- 12.145 Ha), File No. 4376/Proposal No. (SIA/UP/ MIN /27993/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

6. "Khapthiha Kalan" Sand/Morrum Mine Project from Ken River for M/s Kaims Infra Developers located at Gata No.- 61/3, Block No.- 28, Village- Khapthiha Kalan, Tehsil- Pailani, District- Banda, U.P., (Leased Area- 20.0 Ha), File No. 4377/Proposal No. (SIA/UP/ MIN /28005/2018)

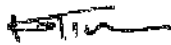
The SEIAA agreed with the recommendations of the SEAC that the project proponent is to be asked to submit information regarding the matter as suggested by the SEAC.

7. Proposed River Bed Sand/Morrum (Mine Mineral) Mining Project in River Ken at Khand No. -02 (Block No.- 08), Production (4.80,000 cum), M.L Area 24.0 ha, near Village- Kanwara, Tehsil: Banda, District: Banda, Uttar Pradesh of Shri Manjeet Chawla, (Leased Area- 24.0 Ha), File No. 4378/Proposal No. (SIA/UP/ MIN /28025/2018)

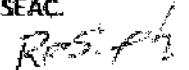
The SEIAA agreed with the recommendations of the SEAC that the project proponent is to be asked to submit information regarding the matter as suggested by the SEAC.

8. Proposed Thermal Power Plant at Khasra No.- 108/109/4/3/1 M, Village- Belwara, Tehsil & District- Moradabad, U.P., M/s Rana Sugar Ltd., File No. 4190/Proposal No. (SIA/UP/ THE/23504/2018)

The SEIAA gone through the SEAC recommendations regarding the matter and noted that the project proponent did not appear in the SEAC meeting, so that the recommendation of the SEAC to close the case is accepted. It can be reopened, only if a on line request on prescribed portal is received from the project proponent. The file shall not be treated as pending. The SEIAA agreed with the recommendation of SEAC.







State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand-1, Ganti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : docuplko@yahoo.com

Website : www.seiaup.in

To,

Shri Brajesh Chandra Tripathi,
Owner,
Village- Dhingpur, Mouza- Hari Nagar,
P.S.- Sikanderpur, district- Kannauj, U.P.- 209725

Ref. No. 494 /Para/SEAC/4376/2018

Date 24 November, 2018

Sub: Environmental Clearance for Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.- 10/36, Village-Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., (Sanctioned Lease Area-12.145 Ha.), M/s Baba Bholenath Traders.

Dear Sir,

Please refer to your application/letter dated 03-07-2018, 06-07-2018, 04-10-2018 & 15-10-2018 received in this office on 01/11/2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 16/10/2018 & 16/11/2018.

A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- The environmental clearance is sought for Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.- 10/36, Village-Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., (Sanctioned Lease Area-12.145 Ha.), M/s Baba Bholenath Traders.
- The public hearing was organized on 18/09/2018.
- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/27993/2018														
2. File No. allotted by SEIAA, UP	4376														
3. Name of Proponent	M/s Baba Bholenath Traders Shri Brajesh Chandra Tripathi S/o Shri Rajaram														
4. Full correspondence address of proponent and mobile no.	M/s Baba Bholenath Traders Shri Brajesh Chandra Tripathi S/o Shri Rajaram R/o Village - Dhingpur, Hari Nagar, P.S. - Sikanderpur, District - Kannauj, Uttar Pradesh: 209725														
5. Name of Project	Sand/Morrum Mining														
6. Project location (Plot/Khasra/Gata No.)	Khand No. 10/36														
7. Name of River	Betwa River														
8. Name of Village	Beri														
9. Tehsil	Hamirpur														
10. District	Hamirpur														
11. Name of Minor Mineral	Sand/Morrum														
12. Sanctioned Lease Area (in ha)	12.145 ha														
13. Mineable Area (in ha)	8.855 ha														
14. Zero level mRL	94 mRL														
15. Max. & Min mrl within lease area	98 mRL and 100 mRL														
16. Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th colspan="3">Sanctioned Area</th> </tr> <tr> <th>Points</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>25°53'25.82" N</td> <td>79°53'19.85" E</td> </tr> <tr> <td>B</td> <td>25°53'40.42" N</td> <td>79°53'17.45" E</td> </tr> </tbody> </table>			Sanctioned Area			Points	Latitude	Longitude	A	25°53'25.82" N	79°53'19.85" E	B	25°53'40.42" N	79°53'17.45" E
Sanctioned Area															
Points	Latitude	Longitude													
A	25°53'25.82" N	79°53'19.85" E													
B	25°53'40.42" N	79°53'17.45" E													



E.C. for Riverbed Sand/Morrum Mining Project from Betwa River at Khund No.- 10/36, Village-Beril, Tehsil- Hamirpur, District- Hamirpur, J.P., (Sanctioned Lease Area-12.145 Ha.) M/s Baba Bhola Nath Traders.

	C	25°53'44.21"N	79°53'31.88"E
	D	25°53'25.84"N	79°53'22.83"E
	Workable Area		
	B	25°53'40.42"N	79°53'17.45"E
	C	25°53'44.21"N	79°53'31.88"E
	G	25°53'35.15"N	79°53'27.40"E
	F	25°53'32.21"N	79°53'18.81"E
	D	25°53'25.84"N	79°53'22.83"E
	E	25°53'26.33"N	79°53'19.81"E
	H	25°53'28.94"N	79°53'24.36"E
	Non Workable Area		
	E	25°53'26.33"N	79°53'19.81"E
	F	25°53'32.21"N	79°53'18.81"E
	G	25°53'35.15"N	79°53'27.40"E
	H	25°53'28.94"N	79°53'24.36"E
17. Total Geological Reserves	6,07,250 m ³		
18. Total Mineable Reserves in LOI	1,94,304 m ³ /year		
19. Total Proposed Production	1,94,304 m ³ /year (9,71,520 m ³ in 05 years)		
20. Proposed Production/year	1,94,304 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	706.56 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 73 labours		
27. No. Of vehicles movement/day	47 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 42 (Hamirpur - Jhansi) : 12.20 km ^W		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.33	
	Suppression of dust	3.60	
	Plantation	0.030	
	Others (Stored water)	0.10	
	Total	5.06 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court.	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.616/khanij-M-M-C- Tees-V/vidh (2018-19) dated 17/07/2018		
35. Details of Lease Area in approved DSR	Page No 63; Table No.20		
36. Proposed CER cost	2% of total project cost i.e. Rs.21,79,589/-		
37. Proposed EMP cost/ Total Project Cost	Rs 19,81,821/- & 10,89,79,456/-		
38. Length and Width of Haul Road	Unpaved Length 0.2 km and Paved Length 11.4 km and 6 m width		
39. No. of Trees to be Planted	91		

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2005.



E.C. for Riverbed Sand/Morram Mining Project from Betwa River at Kharsa No- 20/26, Village-Bari, Tehsil- Hamirpur, District- Hamirpur, U.P., (Sanctioned Lease Area-12.145 Ha.), M/s Baba Bhola Nath Traders.

6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 16/10/2018 & 16/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 22/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 1,94,304 m³/year is proposed from mining lease area 12.145 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Morram will not in any way disturb the velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.



E.C. for Riverbed Sand/Morrum Mining Project from Betwa River at Khond No- 10/36, Village-Bari, Tehsil- Hamirpur, District- Hamirpur, U.P., (Sanctioned Lease Area-12.145 Ha.) M/s Baba Bhelenath Traders.

19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of slit shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-(A.II) dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhani along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.



E.C. for Starbed Sand/Merum Mining Project from Betwa River at Khand No.- 10/26, Village-Bari, Tahsil- Hamirpur, District- Hamirpur, U.P., (Sanctioned Lease Area-12.145 Ha.), M/a Baba Bhajanath Traders.

38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2006 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. Pakka motorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.



E.C. for Riverbed Sand/Morram Mining Project from Betwa River at Khana No.- 10/35, Village-Barl, Tahsil- Hamirpur, District- Hamirpur, U.P. (Sanctioned Lease Area-12.145 Ha.) M/s Baba Bholenath Tradem.

14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods extraction (typically 0.3-0.6 m or 1-2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 21,79,589/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
19. Health/insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha, then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling with in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHA and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C. issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/morram from the river bank only.



E.C. for Riverbed Sand/Morrum Mining Project from Botwa River at Khand No - 10/36, Village-Beri, Tehsil- Haridwar, District- Haridwar, U.P., (Sanctioned Lease Area-12.145 Ha.), M/s Baba Dhaleshwar Traders.

34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., gutkha pouches, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at The Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.



E.C. for Riverbed Sand/Marrium Mining Project from Betwa River at Khair No.- 10/86, Village-Berk, Tehsil-Hamirpur, District-Hamirpur, U.P., (Sanctioned Lease Area-12.145 Ha.), M/s Baba Bhojanath Traders.

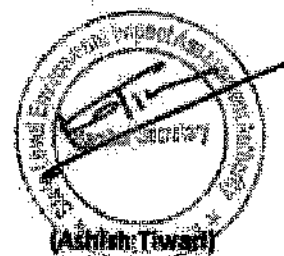
53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.



Member Secretary, SEIAA

Ref. No. /Parva/SEAC/4376/2018 Dated: As above

Conv for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khend, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.

(Ashish Tiwari)
Member Secretary, SEIAA

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QCI No and period of validity.	NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.
33. Any litigation pending against the project or land in any court	None
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project falls under B1 category, hence cluster certificate is not required
35. Details of Lease Area in approved DSR	Page No 63; Table No. 20
36. Proposed CSR cost	5% of total project cost i.e. Rs.6,88,547/-
37. Proposed EMP cost & Total Project Cost	Rs. 30,17,495/- & Rs. 1,37,00,000/-
38. Length and Width of Haul Road	1000 m Length and 6 m width
39. No. of Trees to be Planted	60

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) and is in cluster situation as per EIA Notification, 2006 (as amended).

Resolution against agenda no-06

The committee discussed the matter in the light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.

7. Proposed River Bed Sand/Morrum Mining from Betwa River for M/s D.V. Construction located at Khand No.- 20/6, Village- Tikapur, Tehsil- Maudaha, District- Hamirpur, U.P. Leased area 24.291 ha. Smt. Suman Devi, File No. 4156/Proposal No. (SIA/UP/MIN/22632/2018)

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining from Betwa River at Khand No.- 20/6, Village- Tikapur, Tehsil- Maudaha, District- Hamirpur, U.P. (Leased area 24.291 ha.).
- 2- Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/22632/2018
2. File No. allotted by SEIAA, UP	4156
3. Name of Proponent	Smt. Suman Devi
4. Full correspondence address of proponent and mobile no.	M/s D. V. Construction Proprietor- Smt. Suman Devi W/o Shri Indra Bahadur Yadav R/o Village - Digura Jot, Tehsil- Katra Ikauna, District - Shrawasti, Uttar Pradesh. 271845
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 20/6
7. Name of River	Betwa
8. Name of Village	Tikapur

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9. Tehsil	Maudaha		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	24.291 ha		
13. Mineable Area (in ha)	13.30 ha		
14. Zero level mRL	96 mRL		
15. Max. & Min mrl within lease area	104 mRL and 96 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°53'58.47"N	79°57'12.45"E
	B	25°54'9.73"N	79°57'21.83"E
	C	25°53'57.05"N	79°57'36.57"E
	D	25°53'46.04"N	79°57'26.25"E
	Workable Area		
	E	25°53'53.17"N	79°57'18.34"E
	F	25°54'3.53"N	79°57'29.03"E
	C	25°53'57.05"N	79°57'36.57"E
D	25°53'46.04"N	79°57'26.25"E	
17. Total Geological Reserves	12,14,550 m ³		
18. Total Mineable Reserves in LOI	3,88,608 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	3,88,608 m ³ /year (19,43,040 m ³ in 05 years)		
20. Proposed Production/year	3,88,608 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1413.12 m ³ /day		
23. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none"> • Scraper/light earth movers • Chain based Bulldozer for rescue & salvage • Loader • Truck & tractors for transportation 		
24. No. of working days	270 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	157 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR(Beri- Kurara)- 3.5 km*(NW)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	18.0	
	Plantation	0.06	

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	Others (if any)	-
	Total	18.58 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. N/A BET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project comes under B1 category, cluster Certificate is not required.	
35. Details of Lease Area in approved DSR	Page No 63; Table No. 20	
36. Proposed CSR cost	5% of total project cost i.e. Rs.6,97,452/-	
37. Proposed EMP cost & Total Project Cost	Rs. 32,70,400/- & Rs. 1,39,00,000/-	
38. Length and Width of Haul Road	1500 m Length and 6 m width	
39. No. of Trees to be Planted	120	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) and is in cluster situation as per EIA Notification, 2006 (as amended).

Resolution against agenda no-07

The committee discussed the matter in the light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.

8. Proposed River Bed Sand/Morrum Mining from Betwa River for M/s Ghanaram Infraengineers Pvt. Ltd., located at Gata No.- 240, Khand No.- 5, Village- Himanpura, Tehsil- Kalpi, District: Jalaun. U.P. Lease Area 16.194 ha. Sri Bishan Singh, File No. 4157/Proposal No. (SIA/UP/ MIN/22642/2018)

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining from Betwa River at Gata No.-240, Khand No.- 5, Village- Himanpura, Tehsil- Kalpi, District: Jalaun. U.P. (Leased Area 16.194 ha).
- 2- Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/22642/2018
2. File No. allotted by SEIAA, UP	4157
3. Name of Proponent	Shri Bishan Singh s/o Shri Ghanaram

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so

- collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the predominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
 21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the project should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.

36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
 - 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 21,79,589/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
 - 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
 - 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
 - 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
 - 21- Width of the haul road shall be more than 6 meter.
 - 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
- 12. Proposed Sand/Moorum Mining Project Khand No. 20/6, Vill: Tikapur, Tehsil Maudaha, Distt: Hamirpur, U.P. Leas:d area 24.291 ha. File No. 4156/Proposal No.SIA/UP/MIN/22632/2018**

RESOLUTION AGAINST AGENDA NO-12

The case was considered in 364th SEAC meeting dated 16/10/2018 wherein, after a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

This matter was placed before SEIAA in its meeting dated 06/11/2018 and decided that:-

"The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the SEIAA meeting. However, the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018."

The joint meeting of SEIAA and SEAC was held on 14/11/2018 and its minutes were uploaded on website www.seiaaup.in. The committee considered the case in compliance of joint meeting decision dated 14/11/2018. The committee noted that proponent/consultant has submitted individual EIA for the titled project. A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Sand/Moorum Mining Project Khand No. 20/6, Vill: Tikapur, Tehsil Maudaha, Distt: Hamirpur, U.P. (Leased area 24.291 ha).
2. The public hearing was organized on 20/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/22632/2018		
2. File No. allotted by SEIAA, UP	4156		
3. Name of Proponent	M/s D. V. Construction Proprietor - Smt. Suman Devi		
4. Full correspondence address of proponent and mobile no.	M/s D. V. Construction Proprietor- Smt. Suman Devi W/o Shri Indra Bahadur Yadav R/o Village - Digura Jot, Tehsil- Katra Ikauna, District - Shrawasti, Uttar Pradesh. 271845		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 20/6		
7. Name of River	Betwa		
8. Name of Village	Tikapur		
9. Tehsil	Maudaha		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	24,291 ha		
13. Mineable Area (in ha)	13.30 ha		
14. Zero level mRL	95 mRL		
15. Max. & Min mrl within lease area	104 mRL and 96 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars		
	Latitude		
	Longitude		
	Sanctioned Lease Area		
	A	25°53'58.47"N	79°57'12.45"E
	B	25°54'9.73"N	79°57'21.83"E
	C	25°53'57.05"N	79°57'36.57"E
	D	25°53'46.04"N	79°57'26.25"E
	Workable Area		
	E	25°53'53.17"N	79°57'18.34"E
	F	25°54'3.53"N	79°57'29.03"E
	C	25°53'57.05"N	79°57'36.57"E
	D	25°53'46.04"N	79°57'26.25"E
	Non Workable Area		
A	25°53'58.47"N	79°57'12.45"E	
B	25°54'9.73"N	79°57'21.83"E	
F	25°54'3.53"N	79°57'29.03"E	
E	25°53'53.17"N	79°57'18.34"E	
17. Total Geological Reserves	12,14,550 m ³		
18. Total Mineable Reserves in LOI	3,88,608 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	3,88,608 m ³ /year (19,43,040 m ³ in 05 years)		
20. Proposed Production/year	3,88,608 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1413.12 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 69 labours		
27. No. Of vehicles movement/day	94 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		

30. Nearest metalled road from site	MDR(Beri- Kurara)- 3.5 km*(NW)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	1.56
	Suppression of dust	14.72
	Plantation	0.061
	Others (Stored water)	0.10
	Total	16.44 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project comes under B1 category, cluster Certificate is not required.	
35. Details of Lease Area in approved DSR	Page No 63; Table No. 20	
36. Proposed CER cost	2% of total project cost i.e. Rs.30,74,309/-	
37. Proposed EMP cost & Total Project Cost	Rs. 36,47,653/- & Rs. 15,37,15,450/-	
38. Length and Width of Haul Road	Unpaved length 0.92 km and Paved Length 9.1 km and 6 m width	
39. No. of Trees to be Planted	132	

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 1 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:

- 1- Pakka motorable haul road to be maintained by the project proponent.
- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.

- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 30,74,309/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

13. Proposed River Bed Sand Mining Project from Betwa River for M/s Pehalwan Traders, located at Khand No.- 23/7, Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., Sanctioned Lease Area: 12.145 ha, File No. 4141/Proposal No.SIA/UP/MIN/22490/2018

RESOLUTION AGAINST AGENDA NO-13

The case was considered in 364th SEAC meeting dated 16/10/2018 wherein, after a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

This matter was placed before SEIAA in its meeting dated 06/11/2018 and decided that:-

“The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the SEIAA meeting. However,

Annexure-1

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM
MINING PROPOSALS**

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.

18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the projec' proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.

34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of

- the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
 16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
 17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
 18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
 19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
 20. Common road for transportation of minerals is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
 21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
 22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
 23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
 24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
 25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
 26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
 27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
 28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
 29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

44/31

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Street Khand-1, Ganti Nagar, Lucknow - 226 010

Phone : 91-522-2300541, Fax : 91-522-2300543

E-mail : dmepiko@yahoo.com

Website : www.seiaaup.in

To,

Shri Suman Devi,
W/o Shri Indra Bahadur,
Village- Digura Jot, Tehsil- Katra Ikauna,
District- Shrawasti, U.P.-271845

Ref. No. 34...../Parya/SEAC/4156/2018
Proposal no- SIA/UP/MIN/22632/2018

Date: 25 April, 2018

Sub: Terms of reference for Proposed River Bed Sand/Morrum Mining from Betwa River at Khand No.- 20/6, Village- Tikapur, Tehsil- Maudaha, District- Hamirpur, U.P. (Leased area 24.291 ha.).

Dear Sir,

Please refer to your application dated 26-03-2018 addressed to the Secretary SEAC/Director, Directorate of Environment, U.P. on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 04/04/2018.

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining from Betwa River at Khand No.- 20/6, Village- Tikapur, Tehsil- Maudaha, District- Hamirpur, U.P. (Leased area 24.291 ha.).
- 2- Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/22632/2018
2. File No. allotted by SEIAA, UP	4156
3. Name of Proponent	Smt. Suman Devi
4. Full correspondence address of proponent and mobile no.	M/s D. V. Construction Proprietor- Smt. Suman Devi W/o Shri Indra Bahadur Yadav R/o Village - Digura Jot, Tehsil- Katra Ikauna, District - Shrawasti, Uttar Pradesh. 271845
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 20/6
7. Name of River	Betwa
8. Name of Village	Tikapur
9. Tehsil	Maudaha
10. District	Hamirpur
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	24.291 ha
13. Mineable Area (in ha)	13.30 ha
14. Zero level mRL	96 mRL
15. Max. & Min mrl within lease area	104 mRL and 96 mRL

TDR for Proposed River Bed Sand/Morrum Mining from Betwa River at Khond No.- 20/6, Village- Tikapur, Tehsil- Maudaha, District- Hamirpur, U.P. (Leased area 24.291 ha.)

16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°53'58.47"N	79°57'12.45"E
	B	25°54'9.73"N	79°57'21.83"E
	C	25°53'57.05"N	79°57'36.57"E
	D	25°53'46.04"N	79°57'26.25"E
	Workable Area		
	E	25°53'53.17"N	79°57'18.34"E
	F	25°54'3.53"N	79°57'29.03"E
	C	25°53'57.05"N	79°57'36.57"E
D	25°53'46.04"N	79°57'26.25"E	
17. Total Geological Reserves	12,14,550 m ³		
18. Total Mineable Reserves in LDI	3,88,608 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	3,88,608 m ³ /year (19,43,040 m ³ in 05 years)		
20. Proposed Production/year	3,88,608 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1413.12 m ³ /day		
23. Method of Mining	Bar Scalplag or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none"> • Scraper/light earth movers • Chain based Bulldozer for rescue & salvage • Loader • Truck & tractors for transportation 		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	157 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR(Bari- Kurara)- 3.5 km*(NW)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	18.0	
	Plantation	0.06	
	Others (if any)	-	
Total	18.58 KLD		
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project comes under B1 category, cluster Certificate is not required.		
35. Details of Lease Area in approved DSR	Page No 63; Table No. 20		
36. Proposed CSR cost	5% of total project cost i.e. Rs.6,97,452/-		

**TOR for Proposed River Bed Sand/Morium Mining from Betwa River at Khand No.- 20/6, Village- Tikapur,
Tehsil- Maudaha, District- Mairpur, U.P. (Leased area 24.291 ha.)**

37. Proposed EMP cost & Total Project Cost	Rs. 32,70,400/- & Rs. 1,39,00,000/-
38. Length and Width of Haul Road	1500 m Length and 6 m width
39. No. of Trees to be Planted	120

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/05/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) and is in cluster situation as per EIA Notification, 2006 (as amended).

The committee discussed the matter in light of MOEFOC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA:

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area (core zone and buffer zone (10 km radius of the periphery of the mine lease)) shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the

TOA for Proposed River Bed Sand/Morrum Mining from Betwa River at Khand No.- 20/6, Village- Tikapur, Tehsil- Maudaha, District- Hamirpur, U.P. (Leased area 24.291 ha.)

- mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
 18. 02 km kachcha haul road to be made motorable. Submit Plan.
 19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
 20. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
 21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the project should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 31. The reclamation plan, post mine land use and progressive green belt development plan shall be

**TOR for Proposed River Bed Sand/Morrum Mining from Batwa River at Khand No.- 20/6, Village- Tikaur,
Tehsil- Masudaha, District- Hamirpur, U.P. (Leased area 24.291 ha.).**

- prepared in tabular form (prescribed format) and submitted.
32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
 36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large.

**TOR for Proposed River Bed Sand/Morrum Mining from Betwa River at Khand No.- 20/6, Village- Tikapur,
Tehsil- Maudaha, District- Hamirpur, U.P. (Leased area 24.291 ha.).**

This reporting mechanism should be detailed EIA reports.

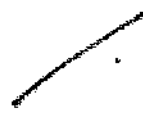
This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

No. /Parya/SEAC/4156/2018 Dated: As above

Copy with enclosure for information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate, Hamirpur.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Director, Geology and Mining, Govt. of U.P.
7. Copy to Web Master/ guard file.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

Minutes of the 202nd Meeting of the SEIAA held on 05/04/2018

annexure-2 as "if in future during the progressive mining this lease area becomes part of cluster i.e. area equal to or more than 25 ha., limited to B-1 category, then additional conditions based on the EIA conducted by the concerned lease holders shall be imposed and joint EMP shall be implemented. The lease holder shall mandatorily follow all the imposed conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per the law shall be initiated against the authority issuing the cluster certificate.

5. Proposed "Sand Mining" Project in Ganga River at Gata No.- 10, Village- Gangli Masharq, Tehsil- Kalmaganj, District- Farrukhabad, U.P., L.Area 7.366 ha. Mr. Suresh Chandra Dani, File No. 4154/Proposal No. (SIA/UP/ MIN/73458/2018)

The SEIAA agreed with the recommendations of the SEAC that the project proponent is to be asked to submit information regarding the matter as suggested by the SEAC.

6. Proposed River Bed Sand/Morrum Mining from Betwa River for M/s Balaji Enterprises, located at Khand No. 23/20, Village- Bhedikharka, Tehsil- Sarila, District- Hamirpur. Lease Area 12.145 Mr. Navneet Kumar Pandey, File No. 4155/Proposal No. (SIA/UP/ MIN/22628/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

7. Proposed River Bed Sand/Morrum Mining from Betwa River for M/s D.V. Construction located at Khand No.- 20/6, Village- Tikapur, Tehsil- Maudaha, District- Hamirpur, U.P. Leased area 24.291 ha. Smt. Suman Devi, File No. 4156/Proposal No. (SIA/UP/ MIN/22632/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

8. Proposed River Bed Sand/Morrum Mining from Betwa River for M/s Ghanaram Infraengineers Pvt. Ltd., located at Gata No.- 240, Khand No.- 5, Village- Himanpura, Tehsil- Kalpi, District: Jalaun, U.P. Lease Area 16.194 ha. Sri Bishan Singh, File No. 4157/Proposal No. (SIA/UP/ MIN/22642/2018)


The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

9. Proposed River Bed Sand/Morrum Mining Project from Ken river M/s Mirzapur Sand and Stone Supplier located at Khand No. 29/3, Village- Bakchha Khadar, Tehsil- Maudaha, District- Hamirpur, U.P. Lease Area 9.108 Ha. Shri Brijesh Singh, File No. 4158/Proposal No. (SIA/UP/ MIN/22651/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

10. Proposed River Bed Sand/ Morrum mining from Yamuna River for M/s Ghanaram Infraengineers Pvt. Ltd., located at Khand No. K-1 Gata No-. 364Mi, 366Mi, 367Mi, 390Mi, Village- Kharka, Tehsil- Bhognipur, District: Kanpur Dehat, U.P. Lease area 16.3 ha. Sri Bishan Singh S/o Shri Ghanaram, File No. 4159/Proposal No. (SIA/UP/ MIN/22652/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.



Madan Bhardwaj

RFS Singh

Minutes of the 202nd Meeting of the SEIAA held on 05/04/2018

- 11. Proposed River Bed Sand/Morrum Mining from Yamuna River for M/s Harihar Minerals LLP located at Khand no. K-2, Gata no. 389Mi, 390Mi, Village- Khrka Teshil- Bhognipur, District-Kanpur Dehat. Lease area 18.33 ha. Sri Ramaavatar Singh, S/o Shri Telram Singh, File No. 4160/Proposal No. (SIA/UP/ MIN/2;656/2018)**

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

- 12. Nirbari Kachhar Ordinary Sand Mine on Yamuna River at Gata No.- 15Mi, Village- Nirbari Kachhar, Tehsil- Sikandara District: Kanpur Dehat, Lease area-16.58 ha. M/s Parth Construction & Supplier, File No. 4161/Proposal No. (SIA/UP/ MIN/22657/2018)**

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

- 13. Devri Sand Mine on Dhasan River located at Gata No 381/10, 332/1, Village - Devri, Tehsil- Garautha, District.- Jhansi , U.P., M/s R.S.I. Stone World Pvt. Ltd., (Leased Area-21.044 Ha), File No. 3999/4162/Proposal No. (SIA/UP/ MIN/72294/2018)**

The SEIAA noted that "An Environmental clearance has been granted with vide letter no. 162/Parya/SEAC/3999/2017 dated 12/02/2018 as per the earlier proposed transport route which was passing through agriculture land mostly and also forest patches since no road was available connecting to site and thus was not viable. The new evacuation route has been proposed which is passing through villages Bilgaon, Dhurouli and Magrauth and finally meets SH-21. Also a temporary bridge needs to be constructed over the stream without hindering the flow of the channel. The laying of the bridge will be taken up in consultation with the Irrigation Department."

SEIAA is of the opinion that the project proponent should be called for presentation alongwith the map and other details of the evacuation route i.e., type of road, width of the road, distance from village population etc. and temporary bridge i.e. its location, type of bridge, brief design, time required for its construction, NOC/permission of Irrigation Department etc.

- 14. Area- 40.00 Acre (16.194 ha) for River Sand/Morrum Mining Project at Gata No.- 267, 268 , Khand No.- 03, Village- Kyotra, Tehsil- Kalpi, District- Jalaun, U.P., M/s Suresh Chandra Gupta (Leased Area-16.194 Ha), File No. 4163/Proposal No. (SIA/UP/ MIN/22691/2018)**

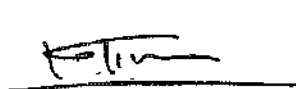
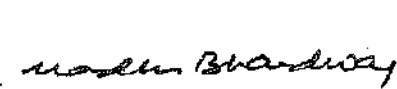
The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

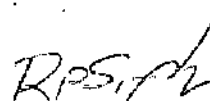
- 15. Proposed River Bed Sand/Morrum Mining from Yamuna River for M/s Rajesh Enterprises located at Khand No.- 15/43 to 15/44, Village- Mahewa, Tehsil- Manjhanpur, District- Kaushambi, U.P., Sanctioned Lease Area: 59.99 acre(24.28 ha), File No. 4164/Proposal No. (SIA/UP/ MIN/22706/2018)**

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

- 16. Proposed River Bed Sand/Morrum Mining from Yamuna River for M/s Jai Bajrang Traders located at Khand No.- 11/05 to 11/06, Village- Diya Uparhar, Tehsil- Manjhanpur, District- Kaushambi, U.P., Lease Area: 24.28 ha (59.97 acre), File No. 4165/Proposal No. (SIA/UP/ MIN/22709/2018)**

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies



State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vinay Khand 1, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax: 91-522-2300 542

E-mail : dorupbha@yahoo.com

Website : www.seiaaup.in

Minutes of the 240th Meeting of the State Level Environment Impact Assessment Authority, UP (SEIAA) held on 06/11/2018

The meeting of 240th State Level Environment Impact Assessment Authority, UP (SEIAA) was held on 06/11/2018 at the Directorate of Environment. The following were present in the meeting:-

- | | |
|------------------------------|------------------------------|
| 1. Prof. Rana Pratap Singh | Chairman, SEIAA, U.P |
| 2. Dr. (Smt.) Madhu Bhardwaj | Member, SEIAA, U.P |
| 3. Sri Ashish Tiwari | Member Secretary, SEIAA, U.P |

Agenda-A: Complaints/letters – Nil

Agenda-B: Replies- Nil

Agenda-C: Minutes of 354th SEAC Meeting Date 16/10/2018

- Sand/Morrum Mining at Khand no. K-2, Gata no. 389MI, 390MI, Village: Khrka, Tehsil : Bhognipur, Distt: Kanpur Dehat, U.P. (Leased area 18.33 ha.) File No. 4160/Proposal No.SIA/UP/MIN/22656/2018

The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the SEIAA meeting. However, the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018.

- Proposed River Bed Sand/Morrum Mining Project from Betwa River for M/s Kanha Construction Company, located at Khand No.- 23/13, Village- Bhedi Khrka, Tehsil- Sarila, Hamirpur, Sanctioned Lease Area: 12.145 ha (30 Acre) File No. 4192/Proposal No.SIA/UP/MIN/23553/2018

The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the

The bottom of the page contains several handwritten signatures and dates. On the left, there is a signature that appears to be 'S. Tiwari' with a date '11/11/18'. In the center, there is a signature that appears to be 'Madhu Bhardwaj' with a date '11/11/18'. On the right, there is a signature that appears to be 'Ashish Tiwari' with a date '11/11/18'.

Minutes of the 340th Meeting of the SEIAA held on 06/11/2018

SEIAA meeting. However, the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018.

3. Proposed Riverbed Sand/Morrum Mining Project from Betwa River of M/s Baba Bholenath Traders, located at Khand No.- 10/36, Village-Beri Tehsil- Hamirpur, District- Hamirpur, U.P., Sanctioned Lease Area-12.145 Ha, File No. 4376/Proposal No.SIA/UP/MIN/27993/2018

The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the SEIAA meeting. However, the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018.

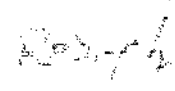
4. Proposed Sand/Morrum Mining Project Khand No. 20/6, Vill: Tikapur, Tehsil Maudaha, Distt: Hamirpur, U.P. Leased area 24.291 ha, File No. 4156/Proposal No.SIA/UP/MIN/22632/2018

The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the SEIAA meeting. However, the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018.

5. Proposed River Bed Sand Mining Project from Betwa River for M/s Pehalwan Traders, located at Khand No.- 23/7, Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., Sanctioned Lease Area: 12.145 ha, File No. 4141/Proposal No.SIA/UP/MIN/22490/2018

The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the SEIAA meeting. However, the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018.





- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 21,79,589/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

4. Proposed Sand/Moorum Mining Project Khand No. 20/6, Vill: Tikapur, Tehsil Maudaha, Distt: Hamirpur, U.P. Leased area 24.291 ha. File No. 4156/Proposal No.SIA/UP/MIN/22632/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Sand/Moorum Mining Project Khand No. 20/6, Vill: Tikapur, Tehsil Maudaha, Distt: Hamirpur, U. P. (Leased area 24.291 ha).
2. The public hearing was organized on 20/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/22632/2018
2. File No. allotted by SEIAA, UP	4156
3. Name of Proponent	M/s D. V. Construction Proprietor - Smt. Suman Devi
4. Full correspondence address of proponent and mobile no.	M/s D. V. Construction Proprietor- Smt. Suman Devi W/o Shri Indra Bahadur Yadav R/o Village - Digura Jot, Tehsil- Katra Ikauna, District - Shrawasti, Uttar Pradesh. 271845
5. Name of Project	Sand/Moorum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 20/6
7. Name of River	Betwa
8. Name of Village	Tikapur

Minutes of 364th SEAC Meeting Dated 16/10/2018

9. Tehsil	Maudaha																																																
10. District	Hamirpur																																																
11. Name of Minor Mineral	Sand/Morrum																																																
12. Sanctioned Lease Area (in ha)	24.291 ha																																																
13. Mineable Area (in ha)	13.30 ha																																																
14. Zero level mRL	95 mRL																																																
15. Max. & Min mrl within lease area	104 mRL and 96 mRL																																																
16. Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillars</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td colspan="3" style="text-align:center">Sanctioned Lease Area</td> </tr> <tr> <td>A</td> <td>25°53'58.47"N</td> <td>79°57'12.45"E</td> </tr> <tr> <td>B</td> <td>25°54'9.73"N</td> <td>79°57'21.83"E</td> </tr> <tr> <td>C</td> <td>25°53'57.05"N</td> <td>79°57'36.57"E</td> </tr> <tr> <td>D</td> <td>25°53'46.04"N</td> <td>79°57'26.25"E</td> </tr> <tr> <td colspan="3" style="text-align:center">Workable Area</td> </tr> <tr> <td>E</td> <td>25°53'53.17"N</td> <td>79°57'18.34"E</td> </tr> <tr> <td>F</td> <td>25°54'3.53"N</td> <td>79°57'29.03"E</td> </tr> <tr> <td>C</td> <td>25°53'57.05"N</td> <td>79°57'36.57"E</td> </tr> <tr> <td>D</td> <td>25°53'46.04"N</td> <td>79°57'26.25"E</td> </tr> <tr> <td colspan="3" style="text-align:center">Non Workable Area</td> </tr> <tr> <td>A</td> <td>25°53'58.47"N</td> <td>79°57'12.45"E</td> </tr> <tr> <td>B</td> <td>25°54'9.73"N</td> <td>79°57'21.83"E</td> </tr> <tr> <td>F</td> <td>25°54'3.53"N</td> <td>79°57'29.03"E</td> </tr> <tr> <td>E</td> <td>25°53'53.17"N</td> <td>79°57'18.34"E</td> </tr> </tbody> </table>	Pillars	Latitude	Longitude	Sanctioned Lease Area			A	25°53'58.47"N	79°57'12.45"E	B	25°54'9.73"N	79°57'21.83"E	C	25°53'57.05"N	79°57'36.57"E	D	25°53'46.04"N	79°57'26.25"E	Workable Area			E	25°53'53.17"N	79°57'18.34"E	F	25°54'3.53"N	79°57'29.03"E	C	25°53'57.05"N	79°57'36.57"E	D	25°53'46.04"N	79°57'26.25"E	Non Workable Area			A	25°53'58.47"N	79°57'12.45"E	B	25°54'9.73"N	79°57'21.83"E	F	25°54'3.53"N	79°57'29.03"E	E	25°53'53.17"N	79°57'18.34"E
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17. Total Geological Reserves	12,14,550 m ³																																																
18. Total Mineable Reserves in LOI	3,88,608 m ³ /year																																																
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	3,88,608 m ³ /year (19,43,040 m ³ in 05 years)																																																
20. Proposed Production/year	3,88,608 m ³																																																
21. Sanctioned Period of Mine lease	5 years																																																
22. Production of mine/day	1413.12 m ³ /day																																																
23. Method of Mining	Opencast Semi mechanized																																																
24. No. of working days	275 days																																																
25. Working hours/day	12 hours																																																
26. No. Of workers	Approximately 69 labours																																																
27. No. Of vehicles movement/day	94 units																																																
28. Type of Land	Government Waste Land (Revenue land)																																																
29. Ultimate Depth of Mining	3 m																																																
30. Nearest metalled road from site	MDR(Beri- Kurara)- 3.5 km*(NW)																																																
31. Water Requirement	<table border="1"> <thead> <tr> <th>PURPOSE</th> <th>REQUIREMENT (KLD)</th> </tr> </thead> <tbody> <tr> <td>Drinking</td> <td>1.56</td> </tr> <tr> <td>Suppression of dust</td> <td>14.72</td> </tr> <tr> <td>Plantation</td> <td>0.061</td> </tr> <tr> <td>Others (Stored water)</td> <td>0.10</td> </tr> <tr> <td>Total</td> <td>16.44 KLD</td> </tr> </tbody> </table>	PURPOSE	REQUIREMENT (KLD)	Drinking	1.56	Suppression of dust	14.72	Plantation	0.061	Others (Stored water)	0.10	Total	16.44 KLD																																				
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32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/BIA/1720/RA 0078 and Valid till 02/04/2020.																																																
33. Any litigation pending against the project or land in any court	None																																																
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project comes under B1 category, cluster Certificate is not required.																																																
35. Details of Lease Area in approved DSR	Page No 63, Table No. 20																																																
36. Proposed CER cost	2% of total project cost i.e. Rs.30,74,309/-																																																
37. Proposed EMP cost & Total Project Cost	Rs. 36,47,653/- & Rs. 15,37,15,450/-																																																
38. Length and Width of Haul Road	Unpaved length 0.92 km and Paved Length 9.1 km and 6 m																																																

39. No. of Trees to be Planted	width 182
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4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The project proponent also informed that as per EIA Notification 14th September, 2006, online submission of EIA report for appraisal after public hearing is next stage in the process of grant of environmental clearance. We are unable to submit our complete EIA report which is of approx. 85 MB on the MoEF&CC portal due to restriction of 20 MB file size. Hence, they are submitting only EMP of the project, minutes of public hearing, risk assessment document which constitute the main domain of an EIA report.

RESOLUTION AGAINST AGENDA NO-04

The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled.

The recommendation of EC will be subjected to general/ specific conditions as annexed at annexure 1 & 2 to these minutes. The committee also stipulated following specific conditions:

- 1- Pakka motorable haul road to be maintained by the project proponent.
- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.

- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 30,74,309/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
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- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

5. Proposed River Bed Sand Mining Project from Betwa River for M/s Pehalwan Traders, located at Khand No.- 23/7, Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., Sanctioned Lease Area: 12.145 ha, File No. 4141/Proposal No.SIA/UP/MIN/22490/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

1. The environmental clearance is sought for River Bed Sand Mining Project from Betwa River at Khand No.- 23/7, Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., (Sanctioned Lease Area: 12.145 ha.), M/s Pehalwan Traders.
2. The public hearing was organized on 19/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/22490/2018
2. File No. allotted by SEIAA, UP	4141
3. Name of Proponent	M/s Pehalwan Traders

Annexure-1

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM
MINING PROPOSALS**

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant ou the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall he carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can

- form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.

36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.

15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

27. Proposed Sand/Moorum Mining Project Khand No. 20/6, VIII: Tikapur, Tehsil Maudaha, Distt: Hamirpur, U.P. Leased area 24.291 ha. File No. 4156/Proposal No.SIA/UP/MIN/22632/2018

The SEIAA gone through the recommendation of SEAC to grant E.C. with the general and specific conditions. The SEIAA also gone through the file and noted that the case was earlier recommended by SEAC in its meeting dated 16-10-2018 for grant of EC with the comments that-

"The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting. The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled"

The SEIAA also noted that this matter was taken in its earlier meeting dated 06-11-2018 and was referred back to SEAC since it did not find it appropriate to issue E.C. in view of the above comments. In the mean time Hon'ble NGT ordered dated 13-11-2018 in MA no.-1622/2018 of OA no.-912/2018 that-

3-"We are of the view that this objection may be considered in the joint committee of SEIAA and SEAC in accordance with law before a decision is taken in the matter. If this objection is rejected, the reasons may be given. The applicant will be at liberty to raise this objection before the committee."

In compliance to the said order of NGT dated 13-11-2018 a joint meeting of SEAC and SEIAA was held on 14-11-2018 in which it was decided that the SEAC will again carryout appraisal of this project on the basis of individual EIA. SEAC has again carried out appraisal in its meeting dated 16-11-2018 and has recommended to grant EC with certain general and specific conditions.

The SEIAA gone through the recommendation of SEAC dated 16-11-2018 to grant EC wherein it has mentioned that the Project proponent has submitted individual EIA and also made a presentation before SEAC.

Keeping in view of the recommendation of SEAC dated 16-11-2018 again to grant EC to the titled project, SEIAA decided to go with the recommendation of SEAC along with all the general and specific conditions as suggested by the SEAC adding one specific condition-"Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied".


22.11.18
(Shri Ashish Tiwari, IFS)

Member-Secretary
SEIAA


(Dr. (Smt.) Madhu Bhardwaj)

Member
SEIAA


23/11/18
(Prof. Rana Pratap Singh)

Chairman
SEIAA

Directorate of Environment, U.P.

Vineet Khand- I, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 543, Fax : 91-522-2300 543

E-mail : docuplko@yahoo.com

Website : www.selaup.in

To,

Smt. Suman Devi,
W/o Shri Indra Bahadur Yadav,
Village- Digura Jot, Tehsil- Katra Ikauna,
District- Shravasti, U.P-271845

Ref. No. 498/Parya/SEAC/4156/2018

Date: 24 November, 2018

Sub: Environmental Clearance for Sand/Moorum Mining Project Khand No. 20/6, Vill: Tikapur, Tehsil Maudaha, Distt: Hamirpur, U.P. (Leased area 24.291 ha).

Dear Sir,

Please refer to your application/letter dated 26-03-2018, 04-10-2018 & 15-10-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 16/10/2018 & 16-11-2018.

A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Sand/Moorum Mining Project Khand No. 20/6, Vill: Tikapur, Tehsil Maudaha, Distt: Hamirpur, U.P. (Leased area 24.291 ha).
2. The public hearing was organized on 20/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/22632/2018		
2. File No. allotted by SEIAA, UP	4156		
3. Name of Proponent	M/s D. V. Construction Proprietor - Smt. Suman Devi		
4. Full correspondence address of proponent and mobile no.	M/s D. V. Construction Proprietor- Smt. Suman Devi W/o Shri Indra Bahadur Yadav R/o Village - Digura Jot, Tehsil- Katra Ikauna, District - Shravasti, Uttar Pradesh. 271845		
5. Name of Project	Sand/Moorum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 20/6		
7. Name of River	Betwa		
8. Name of Village	Tikapur		
9. Tehsil	Maudaha		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Moorum		
12. Sanctioned Lease Area (in ha)	24.291 ha		
13. Mineable Area (in ha)	13.30 ha		
14. Zero level mRL	95 mRL		
15. Max. & Min mrl within lease area	104 mRL and 96 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°53'58.47"N	79°57'12.45"E
	B	25°54'9.73"N	79°57'21.83"E
	C	25°53'57.05"N	79°57'36.57"E
	D	25°53'46.04"N	79°57'26.25"E
Workable Area			

	E	25°53'53.17"N	79°57'18.34"E
	F	25°54'3.53"N	79°57'29.03"E
	C	25°53'57.05"N	79°57'36.57"E
	D	25°53'46.04"N	79°57'26.25"E
	Non Workable Area		
	A	25°53'58.47"N	79°57'12.45"E
	B	25°54'9.73"N	79°57'21.83"E
	F	25°54'3.53"N	79°57'29.03"E
	E	25°53'53.17"N	79°57'18.34"E
17. Total Geological Reserves	12,14,550 m ³		
18. Total Mineable Reserves in LOI	3,88,608 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	3,88,608 m ³ /year (19,43,040 m ³ in 05 years)		
20. Proposed Production/year	3,88,608 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1413.12 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 69 labours		
27. No. Of vehicles movement/day	94 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR(Beri- Kurara)- 3.5 km*(NW)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.56	
	Suppression of dust	14.72	
	Plantation	0.061	
	Others (Stored water)	0.10	
	Total	16.44 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (i) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project comes under B1 category, cluster Certificate is not required.		
35. Details of Lease Area in approved DSR	Page No 63; Table No. 20		
36. Proposed CER cost	2% of total project cost i.e. Rs.30,74,309/-		
37. Proposed EMP cost & Total Project Cost	Rs. 36,47,653/- & Rs. 15,37,15,450/-		
38. Length and Width of Haul Road	Unpaved length 0.92 km and Paved Length 9.1 km and 6 m width.		
39. No. of Trees to be Planted	182		

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 16/10/2018 & 16/11/2018) on the above said project, the State Level Environment Impact Assessment Authority

13/11/2018

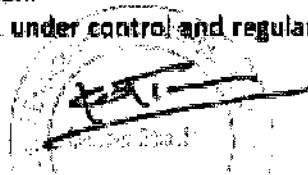
(meetings held on dated 22/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 3,88,608 m³/year is proposed from mining lease area 24.291 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Morum will not in any way disturb the velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
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18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.



23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParlsad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.

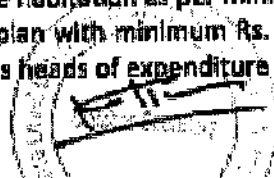


Handwritten signature and official stamp of the District Mining Officer, Hamirpur, U.P.

41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. Pakka motorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pk photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 30,74,309/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines



- provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
19. Health/insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
 20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
 21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
 22. Width of the haul road shall be more than 6 meter.
 23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
 24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
 25. If in future this lease area becomes part of cluster of equal to or more than 25 ha, then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
 26. The Environmental clearance will be co-terminus with the mining lease period.
 27. Project falling with in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
 28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
 29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHA and should be submitted to SE/AA/SEAC, Secretariat as earliest.
 30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
 31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QC-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
 32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
 33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
 34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
 35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
 36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.



37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored (TDS, DO, pH, Faecal Coliform and Total Suspended Solids (TSS)).
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., gutkha pouches, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 31 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.



You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along-with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1593(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.



(Ashish Tiwari)

Member Secretary, SEIAA

Ref. No. /Parys/SEAC/4156/2018 Dated: As above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.

(Ashish Tiwari)

Member Secretary, SEIAA

18. Proposed River Bed Sand/Morrum Mining from Betwa River for M/s Rama Traders at Khand No.- 9/3 , Village-Kandaur, District- Hamirpur, Sanctioned Lease Area- 30.769 ha, Effecative Working Area- 21.30 ha File No. 4070/Proposal No. (SIA/UP/ MIN /21922/2018)

A presentation was made by Shri Ashirvad Murti Singh, representative of project proponent along with their consultant M/s ENV DAS India Pvt. Ltd., Lucknow . The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed Proposed River Bed Sand/Morrum Mining from Betwa River for M/s Rama Traders at Khand No.- 9/3 , Village-Kandaur, District- Hamirpur, Sanctioned Lease Area- 30.769 ha, Effecative Working Area- 21.30 ha.
- 2- Project Details-

1. On-line proposal No.	SIA/UP/MIN/21922/2018		
2. File No. allotted by SEIAA, UP	4070		
3. Name of Proponent	Shri Virendra Singh		
4. Full correspondence address of proponent and mobile no.	M/s Rama Traders Proprietor- Shri Virendra Singh S/o Late Shri Ram Singh R/o Badipur, Bhan Mau, Barabanki, U.P.		
5. Name of Project	Sand Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No.9/3		
7. Name of River	Betwa		
8. Name of Village	Kandaur		
9. Tehsil	Hamirpur		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	30.769 ha		
13. Mineable Area (in ha)	21.30 ha		
14. Zero level mRL	95 mRL		
15. Max. & Min mrl within lease area	104 mRL and 96 mRL		
16. Pillar Coordinates (Verified by DMO)	Points	Latitude	Longitude
	Area Sanctioned		
	A	25°52'49.72"N	79°59'46.98"E
	B	25°52'48.41"N	80° 0'4.05"E
	C	25°52'29.17"N	80° 0'4.06"E
	D	25°52'32.07"N	79°59'43.44"E
	Workable Area		
	A	25°52'49.72"N	79°59'46.98"E
	B	25°52'48.41"N	80° 0'4.05"E

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	E	25°52'38.36"N	79°59'44.69"E
	F	25°52'34.06"N	80° 0'4.05"E
17. Total Geological Reserves	15,38,450 m ³		
18. Total Mineable Reserves in LOI	4,92,236 m ³ /year		
19. Total mineable reserve approved in mine plan Proposed Production per Form-1, PFR & EMP and presentation submitted to SEAC UP	4,92,236 m ³ /year (24,61,180 m ³ for 5 years)		
20. Proposed Production/year	4,92,236 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1790 m ³ /day		
23. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none"> • Scraper/light earth movers • Loader • Truck & tractors for transportation • Chain based Bulldozer for rescue and salvage 		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	179 units		
28. Type of Land	Government Land		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 42 (Hamirpur-Jhansi Marg) : 3.7 km* (South-East direction)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	9.36	
	Plantation	0.08	
	Others (if any)	-	
	Total	9.96 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Not applicable as project falls in Category B1		
35. Details of Lease Area in approved DSR	Page No 62; Serial No. 64		
36. Length and Width of Haul Road	780 m Length and 6 m width		

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.

7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-18

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA:

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. ~~Certificate from Mining Officer that there is no other mining area exist within 500 m periphery~~
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow

of water from the river.

17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the predominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
24. Details of water conservation measures proposed to be adopted in the project should be given.
25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
28. Details of rainwater harvesting proposed, if any, in the project should be provided.
29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total

waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).

31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
46. The Environment Policy must prescribe for standard operating process/ procedures to bring

into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.

47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

19. Beri Sand Deposit on Betwa River (30.364) at Khasra No.- 10/20, Village- Beri, Tehsil & District- Hamirpur, M/s Esteem Infra Build Pvt. Ltd., (Leased Area-30.364 Ha) File No. 4086/Proposal No. (SIA/UP/ MIN /22099/2018)

A presentation was made by Shri Raja ram, representative of project proponent along with their consultant M/s Green C India Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed Beri Sand Deposit on Betwa River (30.364) at Khasra No.- 10/20, Village- Beri, Tehsil & District- Hamirpur, M/s Esteem Infra Build Pvt. Ltd., (Leased Area-30.364 Ha).
- 2- Project Details-

1. On-line proposal No.	SIA/UP/MIN/22099/2018		
2. File No. allotted by SEIAA, UP	4086		
3. Name of Proponent	M/S ESTEEM INFRA BUILD PVT. LTD.		
4. Full correspondence address of proponent and mobile no.	Plot No. 315 Nemi Nagar, Extension-Vaishali Nagar Jaipur (Rajasthan)		
5. Name of Project	BERI SAND MINE ON BETWA RIVER		
6. Project location (Plot/Khasra/Gata No.)	Village - BERI, Tehsil- HAMIRPUR, District- HAMIRPUR of UTTAR PRADESH, Ph: 8619972157, 9165612777, 7976012007		
7. Name of River	Betwa River		
8. Name of Village	BERI		
9. Tehsil	HAMIRPUR		
10. District	HAMIRPUR		
11. Name of Minor Mineral	Sand		
12. Sanctioned Lease Area (in Ha.)	30.364 Hectares		
13. Mineable Area (in Ha.)	28.70 Ha.		
14. Zero level mRL	87 m		
15. Max. & Min mrl within lease area	90-88 m.		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	25°52'39.83"N	79°54'47.25"E
	B	25°52'24.19"N	79°54'46.16"E
	C	25°52'27.83"N	79°54'26.95"E
17. Total Geological Reserves	D	25°52'47.62"N	79°54'29.10"E
	5,80,130m ³		

- commencing the land development work and start of production operation by the project.
- viii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- ix. ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- x. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- xi. Concealing factual data or submission of false /fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xii. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiii. The Ministry reserves the right to stipulate additional conditions if found necessary.
- xiv. The Company in a time bound manner shall implement these conditions.
- xv. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
- xvi. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules , 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- xvii. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

17. Proposed River Bed Sand/Morrum Mining from Betwa River for M/S Rama Traders located at Khand No.- 9/3 , Village-Kandaur, Tehsil- Hamirpur, District- Hamirpur, U.P., Sanctioned Lease Area- 30.769 ha, Effective Working Area- 221.30 ha File No. 4070/Proposal No. SIA/UP/MIN/21922/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand/Morrum Mining from Betwa River at Khand No.- 9/3, Village-Kandaur, Tehsil-Hamirpur, District-Hamirpur, U.P., (Sanctioned Lease Area- 30.769 ha), M/s Rama Traders.
2. The public hearing was organized on 18/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/21922/2018
2. File No. allotted by SEIAA, UP	4070
3. Name of Proponent	M/s Rama Traders Proprietor- Shri Virendra Singh
4. Full correspondence address of proponent and mobile no.	M/s Rama Traders Proprietor- Shri Virendra Singh S/o Late Shri Ram Singh R/o Badipur, Bhan Mau,

	Barabanki, U.P.		
5. Name of Project	Sand Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No.9/3		
7. Name of River	Betwa		
8. Name of Village	Kandaur		
9. Tehsil	Hamirpur		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	30.769 ha		
13. Mineable Area (in ha)	21.30 ha		
14. Zero level mRL	95 mRL		
15. Max. & Min mrl within lease area	104 mRL and 96 mRL		
16. Pillar Coordinates (Verified by DMO)	Points	Latitude	Longitude
	Area Sanctioned		
	A	25°52'49.72"N	79°59'46.98"E
	B	25°52'48.41"N	80° 0'4.05"E
	C	25°52'29.17"N	80° 0'4.06"E
	D	25°52'32.07"N	79°59'43.44"E
	Workable Area		
	A	25°52'49.72"N	79°59'46.98"E
	B	25°52'48.41"N	80° 0'4.05"E
	E	25°52'38.36"N	79°59'44.69"E
	F	25°52'34.06"N	80° 0'4.05"E
	Non Workable Area		
	E	25°52'38.36"N	79°59'44.69"E
	F	25°52'34.06"N	80° 0'4.05"E
C	25°52'29.17"N	80° 0'4.06"E	
D	25°52'32.07"N	79°59'43.44"E	
17. Total Geological Reserves	15,38,450 m ³		
18. Total Mineable Reserves in LOI	4,92,236 m ³ /year		
19. Total Proposed Production	4,92,236 m ³ /year (24,61,180 m ³ for 5 years)		
20. Proposed Production/year	4,92,236 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1790 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 72 labours		
27. No. Of vehicles movement/day	119 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue Land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 42 (Hamirpur-Jhansi Marg) : 3.7 km* (South-East direction)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.74	
	Suppression of dust	95.84	
	Plantation	0.077	
	Others (Stored water)	0.10	
	Total	97.75 KLD	
32. Name of QCI Accredited Consultant with QCI No	ENV Development Assistance Systems (I) Pvt. Ltd.		

and period of validity.	NABET/EIA/1720/RA 0078 and Valid till 02/04/2020
33. Any litigation pending against the project or land in any court	None
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	
35. Details of Lease Area in approved DSR	Page No 62; Serial No. 64
36. Proposed CER cost	2% of total project cost i.e. Rs.27,43,161/-
37. Proposed EMP cost & Total Project Cost	Rs. 1,48,74,632/- & Rs. 13,71,58,058/-
38. (a) Length and Width of Haul Road	Unpaved Length 5.99 km and Paved Length 15.84 km and 6 m width
(b) Length of River Crossing	87 m.
39. No. of Trees to be Planted	230

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The project proponent also informed that as per EIA Notification 14th September, 2006, online submission of EIA report for appraisal after public hearing is next stage in the process of grant of environmental clearance. We are unable to submit our complete EIA report which is of approx. 85 MB on the MoEF&CC portal due to restriction of 20 MB file size. Hence, they are submitting only EMP of the project, minutes of public hearing, risk assessment document which constitute the main domain of an EIA report.

RESOLUTION AGAINST AGENDA NO-17

The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled.

The recommendation of EC will be subjected to general/ specific conditions as annexed at annexure 1 & 2 to these minutes. The committee also stipulated following specific conditions:

- 1- No mining activity should be carried out in in-stream channel as per SSMMG, 2016.
- 2- Pakka motorable haul road to be maintained by the project proponent.
- 3- A separate Environmental Management Cell with suitable qualified personnel shall be setup under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 4- Permission from the competent authority regarding evacuation route should be taken.
- 5- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.

- 6- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 7- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 8- Provision for cylinder to workers should be made for cooking.
- 9- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 10- Provide suitable mask to the workers.
- 11- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 12- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 13- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
- 14- Provision for two toilets and hand pumps should be made at mining site.
- 15- Drinking water for workers would be provided by tankers.
- 16- Mining should be done by Bar scalping methods extraction (typically 0.3 - 0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 17- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 18- Corporate Environmental Responsibility (CER) plan with minimum Rs. 27,43,161/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
- 19- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 20- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 21- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 22- Width of the haul road shall be more than 6 meter.
- 23- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

Annexure-1

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM
MINING PROPOSALS**

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating

- projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.

35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of

- the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
 16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
 17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
 18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
 19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
 20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
 21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
 22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
 23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
 24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
 25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
 26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
 27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
 28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
 29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

Minutes of the 196th Meeting of the SEIAA held on 08/03/2018

17. Area- 21.0 Acre/ 8.457 Ha. for Ordinary Sand Mining at Khand No./ Gata No.- 2534, Village- Hariha, Tehsil- Shikohabad, District- Firozabad, U.P. Shri Rajesh Sharma, (Leased Area- 8.457 Ha) File No. 4085/Proposal No. (SIA/UP/MIN /72905/2018)

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC. In addition to the conditions imposed by SEAC the SEIAA added following additional specific conditions "The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work" and "If in future this lease area becomes part of cluster of equal to or more than 25 ha, then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate. Further, SEIAA replaced annexed special condition no- 7 as- "The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage".

18. Proposed River Bed Sand/Morrum Mining from Betwa River for M/s Rama Traders at Khand No.- 9/3, Village-Kandaur, District- Hamirpur, Sanctioned Lease Area- 30.769 ha, Effecativa Working Area- 21.30 ha File No. 4070/Proposal No. (SIA/UP/MIN /21922/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR's to the title proposals for conducting EIA studies.

19. Beri Sand Deposit on Betwa River (30.364) at Khasra No.- 10/20, Village- Beri, Tehsil & District- Hamirpur, M/s Esteem Infra Build Pvt. Ltd., (Leased Area-30.364 Ha) File No. 4086/Proposal No. (SIA/UP/MIN /22099/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR's to the title proposals for conducting EIA studies.

20. Kandaur Sand Mine On Betwa River (29.147 Ha), at Khasra No.-9/2, Village- Kandaur, Tehsil & District- Hamirpur, M/s A D Agro Foods Pvt. Ltd., (Leased Area-29.148 Ha) File No. 4088/Proposal No. (SIA/UP/MIN /22103/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR's to the title proposals for conducting EIA studies.

21. Proposed Group Housing "KVIR Towers", on Plot No.- GH-14 B, Sector-01, Greater Noida(West), G.B. Nagar, U.P., M/s KVRI Towers Pvt. Ltd. File No. 4032/Proposal No. (SIA/UP/MIN /21452/2018)

The SEIAA noted that since this is building project. SEIAA is of the opinion that this will be taken in the next meeting.

For Min
15.03.18

Under Secretary

RPS. p 2
15/03/18

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vinay Khand-1, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail: director@seiaaup.in

Website: www.seiaaup.in

Uploaded on
www.seiaaup.in

To,

Shri Virendra Singh,
S/o Shri Late Ram Singh,
M/s Rama Traders,
Badipur, Bhan Mau,
Barabanki, U.P.-225001

Ref. No. 12 /Parya/SEAC/4070/2018

Date: 11/4 March, 2018

Sub: Terms of reference for proposed River Bed Sand/Morrum Mining from Betwa River at Khand No.- 9/3 , Village-Kandaaur, District- Hamirpur, (Leased Area- 30.769 ha.) M/s Rama Traders.

Dear Sir,

Please refer to your application dated 08-02-2018 addressed to the Secretary SEAC/Director, Directorate of Environment, U.P. on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 25-02-2018.

A presentation was made by Shri Ashirvad Murti Singh, representative of project proponent along with their consultant M/s ENV DAS India Pvt. Ltd., Lucknow. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed Proposed River Bed Sand/Morrum Mining from Betwa River for M/s Rama Traders at Khand No.- 9/3 , Village-Kandaaur, District- Hamirpur, Sanctioned Lease Area- 30.769 ha, Effecative Working Area- 21.30 ha.
- 2- Project Details-

1. On-line proposal No.	SIA/UP/MIN/21922/2018
2. File No. allotted by SEIAA, UP	4070
3. Name of Proponent	Shri Virendra Singh
4. Full correspondence address of proponent and mobile no.	M/s Rama Traders Proprietor- Shri Virendra Singh S/o Late Shri Ram Singh R/o Badipur, Bhan Mau, Barabanki, U.P.
5. Name of Project	Sand Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No.9/3
7. Name of River	Betwa
8. Name of Village	Kandaaur
9. Tehsil	Hamirpur
10. District	Hamirpur
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	30.769 ha
13. Mineable Area (in ha)	21.30 ha
14. Zero level mRL	95 mRL
15. Max. & Min mrl within lease area	104 mRL and 95 mRL

**TOR for proposed River Bed Sand/Morrum Mining from Satwa River at Khant No.- 5/3, Village-Nambur,
District- Hamirpur, (Leased Area- 30.769 Ha.) M/s Rama Traders.**

16. PRR Coordinates (Verified by DMD)	Points	Latitude	Longitude
	Area Sanctioned		
	A	25°52'49.72"N	79°59'46.98"E
	B	25°52'48.41"N	80° 0'4.05"E
	C	25°52'29.17"N	80° 0'4.06"E
	D	25°52'32.07"N	79°59'43.44"E
	Workable Area		
	A	25°52'49.72"N	79°59'46.98"E
	B	25°52'48.41"N	80° 0'4.05"E
	E	25°52'38.36"N	79°59'44.69"E
F	25°52'34.06"N	80° 0'4.05"E	
17. Total Geological Reserves	15,38,450 m ³		
18. Total Mineable Reserves in LOI	4,92,236 m ³ /year		
19. Total mineable reserve approved in mine plan Proposed Production per Form-3, PFR & EMP and presentation submitted to SEAC UP	4,92,236 m ³ /year (24,61,180 m ³ for 5 years)		
20. Proposed Production/year	4,92,236 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1790 m ³ /day		
23. Method of Mining	Bar Scraping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMS, 2016) using: <ul style="list-style-type: none"> • Scraper/light earth movers • Loader • Truck & tractors for transportation • Chain based Bulldozer for rescue and salvage 		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	179 units		
28. Type of Land	Government Land		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 42 (Hamirpur-Jhansi Marg) : 3.7 km ³ (South-East direction)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	9.36	
	Plantation	0.08	
	Others (if any)	-	
	Total	9.96 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		

TOA for proposed River Bed Sand/Mercurium Mining from Betwa River at Khari No.- 2/3, Village-Kandaur, District- Hamirpur, (Leased Area- 38.765 ha.) M/s Rama Traders.

34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Not applicable as project falls in Category B1
35. Details of Lease Area in approved DSR	Page No 62; Serial No. 64
36. Length and Width of Haul Road	780 m Length and 6 m width

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category--1(a) of EIA Notification, 2006 (as amended).

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOA) for the preparation of EIA:

1. The TOA shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exist within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act,

**TOS for proposed River Bed Sand/Morrom Mining from Estua River at Khund No.- 9/3, Village-Bandaur,
District-Hamirpur, (Leased Area- 26.769 ha.) M/s Rama Traders.**

1972 and copy furnished.

14. A detailed biological study for the study area (core zone and buffer zone (10 km radius of the periphery of the mine lease)) shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of the departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO₂ and NO₂), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the predominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
24. Details of water conservation measures proposed to be adopted in the project should be given.
25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.

**TOR for proposed River Bed Sand/Material Mining from Betwa River at Chand No. - 9/3, Village Mandaur,
District- Hamirpur, Glesad Area- 30.769 ha, M/s Rama Traders.**


28. Details of rainwater harvesting proposed, if any, in the project should be provided.
29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works,

**TOR for proposed River Bed Sand/Marrium Mining from Betwa River at Khand No.- 9/3, Village-Kandaur,
District-Hamirpur, (Leased Area- 90.769 ha.) M/s Rama Traders.**

nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.

44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shrutika Shukla)
Nodal, SEIAA/
Deputy Director

No. /Parya/SEAC/4070/2018 Dated: As above

Copy with enclosure for information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate, Hamirpur.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gombi Nagar, Lucknow.
6. Director, Geology and Mining, Govt. of U.P.
7. Copy to Web Master/ guard file.


(Shrutika Shukla)
Nodal, SEIAA/
Deputy Director

Minutes of 365th SEAC Meeting Date 17/10/2018

The 365th meeting of SEAC was held in Directorate of Environment, U.P. on 17/10/2018 following members were present in the SEAC:

1.	Dr. (Prof.) S.N. Singh,	Chairman
2.	Dr. Sarita Sinha,	Member
3.	Dr. Arvind Mathur,	Member
4.	Dr. Virendra Misra,	Member
5.	Dr. Parmod Kumar Mishra,	Member
6.	Dr. Richhpal Singh Sangu,	Member
7.	Prof. D.P. Singh,	Member
8.	Shri Meraj Uddin,	Member
9.	Shri Rajive Kumar,	Member

The Chairman welcomed the members to the 365th SEAC meeting.

The SEAC unanimously took following decisions on the agenda points discussed:

1. **Proposed River Bed Sand Mining Project from Yamuna River for M/s Jai Bajarang Traders located at Khand No.- 11/05 to 11/06, Village- Diya Uparhar, Tehsil- Manjhanpur, District- Kaushambi, U.P., Lease Area: 24.28 ha (59.97 acre), File No. 4508 / 4165/Proposal No. SIA/UP/MIN/29385/2018**

RESOLUTION AGAINST AGENDA NO-01

The project proponent requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request.

The matter will be discussed only after submission of further online request on prescribed online portal.

2. **Proposed River Bed sand/Morrum Mining from Betwa River for M/S Rama Traders located at Khand No.- 9/3 , Village-Kandaur, Tehsil- Hamirpur, District- Hamirpur, U.P., Sanctioned Lease Area- 30.769 ha, Effecative Working Area- 221.30 ha File No. 4070/Proposal No. SIA/UP/MIN/21922/2018**

RESOLUTION AGAINST AGENDA NO-02

This case will take up on dated 22/10/2018.

9. Proposed River Bed Sand/Morrum Mining from Betwa River for M/S Rama Traders located at Khand No.- 9/3 , Village-Kandaur, Tehsil- Hamirpur, District- Hamirpur, U.P., Sanctioned Lease Area- 30.769 ha, Effective Working Area- 221.30 ha File No. 4070/Proposal No. SLA/UP/MIN/21922/2018

The SEIAA gone through the recommendation of SEAC to grant E.C. with the general and specific conditions. The SEIAA also gone through the file and noted that the case was earlier recommended by SEAC in its meeting dated 22-10-2018 for grant of EC with the comments that-

"The proponent/consultant has submitted the REIA, which is the amalgomation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting. The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled"

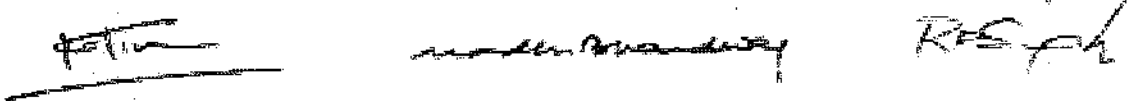
The SEIAA also noted that this matter was taken in its earlier meeting dated 16-11-2018 and was referred back to SEAC since it did not find it appropriate to issue E.C. in view of the above comments. In the mean time Hon'ble NGT ordered dated 13-11-2018 in MA no.- 1622/2018 of OA no.-912/2018 that-

3-"We are of the view that this objection may be considered in the joint committee of SEIAA and SEAC in accordance with law before a decision is taken in the matter. If this objection is rejected, the reasons may be given. The applicant will be at liberty to raise this objection before the committee."

In compliance to the said order of NGT dated 13-11-2018 a joint meeting of SEAC and SEIAA was held on 14-11-2018 in which it was decided that the SEAC will again carryout appraisal of this project on the basis of individual EIA. SEAC has again carried out appraisal in its meeting dated 16-11-2018 and has recommended to grant EC with certain general and specific conditions.

The SEIAA gone through the recommendation of SEAC dated 16-11-2018 to grant EC wherein it has mentioned that the Project proponent has submitted individual EIA and also made a presentation before SEAC.

Keeping in view of the recommendation of SEAC dated 16-11-2018 again to grant EC to the titled project, SEIAA decided to go with the recommendation of SEAC along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied".



State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.R.
 Vices Khanda-1, Ganga Nagar, Lucknow-226 010
 Phone : 91-522-2300 341, Fax : 91-522-2300 343
 E-mail : dorupda@yahoo.com
 Website : www.seaupa.in

To,
 Shri Virendra Singh,
 S/o Late Ram Singh
 M/s Rama Traders,
 Badipur, Bhan Mau, Barabanki, U.P. 225001

Ref. No. S/11 /Parya/SEAC/4070/2018

Date: 24 November, 2018

Sub: Environmental Clearance for River Bed Sand/Morrum Mining from Betwa River at Khand No.- 9/3, Village-Kandaur, Tehsil-Hamirpur, District-Hamirpur, U.P., (Sanctioned Lease Area- 30.769 ha), M/s Rama Traders.

Dear Sir,

Please refer to your application/letter dated 15-02-2018, 04/10/2018, 15-10-2018 & 22-10-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 22/10/2018 & 16-11-2018.

A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand/Morrum Mining from Betwa River at Khand No.- 9/3, Village-Kandaur, Tehsil-Hamirpur, District-Hamirpur, U.P., (Sanctioned Lease Area- 30.769 ha), M/s Rama Traders.
2. The public hearing was organized on 18/09/2018.
3. Salient features of the project as submitted by the project proponent:

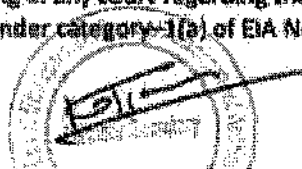
1. On-line proposal No.	SIA/UP/MIN/21922/2018	
2. File No. allotted by SEIAA, UP	4070	
3. Name of Proponent	M/s Rama Traders Proprietor- Shri Virendra Singh	
4. Full correspondence address of proponent and mobile no.	M/s Rama Traders Proprietor- Shri Virendra Singh S/o Late Shri Ram Singh R/o Badipur, Bhan Mau, Barabanki, U.P.	
5. Name of Project	Sand Mining	
6. Project location (Plot/Khasra/Gata No.)	Khand No. 9/3	
7. Name of River	Betwa	
8. Name of Village	Kandaur	
9. Tehsil	Hamirpur	
10. District	Hamirpur	
11. Name of Minor Mineral	Sand/Morrum	
12. Sanctioned Lease Area (in ha)	30.769 ha	
13. Mineable Area (in ha)	21.30 ha	
14. Zero level mRL	95 mRL	
15. Max. & Min. mrl within lease area	104 mRL and 96 mRL	
16. Pillar Coordinates. (Verified by DMO)	Points	Latitude
	Area Sanctioned	
	A	25°52'49.72"N 79°59'46.98"E
	B	25°52'48.41"N 80° 0'4.05"E
	C	25°52'29.17"N 80° 0'4.06"E
	D	25°52'33.07"N 79°59'43.44"E



E.C. for River Bed Sand/Morrison Mine from Betwa River at Khand No- 9/3, Village-Kandwa, Tehsil-Hamirpur, District-Hamirpur, U.P. (Sanctioned Lease Area- 90.769 ha), M/s Rama Traders.

	Workable Area	
	A	25°52'49.72"N 79°59'45.98"E
	B	25°52'48.41"N 80° 0'4.65"E
	E	25°52'38.36"N 79°59'44.69"E
	F	25°52'34.06"N 80° 0'4.05"E
	Non Workable Area	
	E	25°52'38.36"N 79°59'44.69"E
	F	25°52'34.06"N 80° 0'4.05"E
	C	25°52'29.17"N 80° 0'4.06"E
	D	25°52'32.07"N 79°59'43.44"E
17. Total Geological Reserves	15,38,450 m ³	
18. Total Mineable Reserves in LOI	4,92,236 m ³ /year	
19. Total Proposed Production	4,92,236 m ³ /year (24,61,180 m ³ for 5 years)	
20. Proposed Production/year	4,92,236 m ³	
21. Sanctioned Period of Mine lease	5 years	
22. Production of mine/day	1790 m ³ /day	
23. Method of Mining	Opencast Semi mechanized	
24. No. of working days	275 days	
25. Working hours/day	12 hours	
26. No. Of workers	Approximately 72 labours	
27. No. Of vehicles movement/day	119 units	
28. Type of Land	Non - Agricultural, Government Waste Land (Revenue Land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	SH 42 (Hamirpur-Jhansi Marg) ; 3.7 km* (South-East direction)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	1.74
	Suppression of dust	95.84
	Plantation	0.077
	Others (Stored water)	0.10
	Total	97.75 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer		
35. Details of Lease Area in approved DSI	Page No 52; Serial No. 64	
36. Proposed CER cost	2% of total project cost i.e. Rs.27,49,161/-	
37. Proposed EMP cost & Total Project Cost	Rs. 1,48,74,632/- & Rs. 13,71,58,058/-	
38. (a) Length and Width of Haul Road	Unpaved Length 5.99 km and Paved Length 15.84 km and 6 m width	
(b) Length of River Crossing	87 m.	
39. No. of Trees to be Planted	230	

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).



E.C. for River Bed Sand/Morrom Mining from Betwa River at Khand No.: B/A, Village-Kandaur, Tehsil-Hamirpur, District-Hamirpur, U.P., (Sanctioned Lease Area: 30.769 ha), M/A Ramu Tradara.

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 22/10/2018 & 16/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 23/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 4,92,236 m³/year is proposed from mining lease area 30.769 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along with copy of the Environmental Clearance letter will be displayed on a boarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Morrom will not in any way disturb the velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.



S.G. for River Bed Sand/Morrum Mining from Betwa River at Khind No. 2/3, Village-Kandaur, Tahsil-Hamirpur, District-Hamirpur, U.P. (Functioned Lease Area- 30.762 ha), M/s Rame Traders.

22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation and Urban Local Body.
25. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.MI dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.



40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated: 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ES as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied.
2. Pakka motorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
5. Site Plt photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kachcha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping method extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.

E.C. for River Bed Sand/Moram Mining from Betwa River at Khand No. - 9/3, Village-Kandaur, Tehsil-Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area- 30.769 ha, M/s Nama Traders.

18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 27,43,161/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.II dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
19. Healthy/insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHA and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a CCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.



36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, CO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., guthapouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiainup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.



E.C. for River Bed Sand/Morrum Mining from Betwa River at Khand No.- 973, Village-Kandaur, Tehsil-Hamirpur, District-Hamirpur, U.P. (Sanctioned Lease Area- 30.786 ha), M/s Ramji Traders.

57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.



Ref. No. /Parva/SEAC/4870/2018 Dated: As above
Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indra Paryavaran Bhawan, Jor Bagh Road, Allganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Allganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.

(Ashish Tiwari)
Member Secretary, SEIAA

Minutes of 340th SEAC Meeting Dated 28/05/2018**8. Proposed River Bed Sand/Morrum Mining Project from Betwa River for M/s Kaushaly Chaubey Contractor located at Khand No.- 17/5, Village- Sahjana, Tehsil- Hamirpur, District- Hamirpur, U.P., Lease Area: 12.145 ha, File No. 4219/Proposal No. (SIA/UP/ MIN /24388/2018)**

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd., The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining Project from Betwa River at Khand No.- 17/5, Village- Sahjana, Tehsil- Hamirpur, District- Hamirpur, U.P., (Leased Area: 12.145 ha). M/s Kaushaly Chaubey Contractor.
- 2- Salient features of the project is as follows:

On-line proposal No.	SIA/UP/MIN/24388/2018		
File No. allotted by SEIAA, UP	4219		
Name of Proponent	Smt. Kaushalya Chaubey Contractor Proprietor- Smt. Kaushalya Chaubey		
Full correspondence address of proponent and mobile no.	Smt. Kaushalya Chaubey Contractor Proprietor- Smt. Kaushalya Chaubey W/o Brajesh Kumar R/o Village - Tauriyapura, Tehsil - Kulpahar, District - Mahoba, Uttar Pradesh.		
Name of Project	Sand/Morrum Mining		
Project location (Plot/Khasra/Gata No.)	Khand No. 17/5		
Name of River	Betwa		
Name of Village	Sahjana		
Tehsil	Sadar		
District	Hamirpur		
Name of Minor Mineral	Sand/Morrum		
Sanctioned Lease Area (in ha)	12.145 ha		
Mineable Area (in ha)	8.045 ha		
Zero level mRL	90 mRL		
Max. & Min mrl within lease area	101 mRL and 91 mRL		
Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°57'9.12"N	80° 6'57.02"E
	B	25°57'11.12"N	80° 7'3.14"E
	C	25°56'52.24"N	80° 7'15.18"E
	D	25°56'50.18"N	80° 7'8.87"E
	Non Workable Area		
	E	25°56'56.25"N	80° 7'5.07"E
	F	25°56'57.84"N	80° 7'11.55"E
	G	25°57'4.54"N	80° 7'7.25"E
	H	25°57'1.96"N	80° 7'1.50"E
	Workable Area		
	A	25°57'9.12"N	80° 6'57.02"E
	B	25°57'11.12"N	80° 7'3.14"E
	G	25°57'4.54"N	80° 7'7.25"E
	H	25°57'1.96"N	80° 7'1.50"E
	C	25°56'52.24"N	80° 7'15.18"E
D	25°56'50.18"N	80° 7'8.87"E	
E	25°56'56.25"N	80° 7'5.07"E	
F	25°56'57.84"N	80° 7'11.55"E	

Minutes of 340th SEAC Meeting Dated 28/05/2018

Total Geological Reserves	6,07,250 m ³	
Total Mineable Reserves in LOI	1,45,728 m ³ /year	
Total Proposed Production as per Form-I, PFR, Mine Plan and presentation at SEAC	1,45,728 m ³ /year (7,28,640 m ³ in 05 years)	
Proposed Production/year	1,45,728 m ³	
Sanctioned Period of Mine lease	5 years	
Production of mine/day	529.92 m ³ /day	
Method of Mining	Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: Scraper/light earth movers Chain based Bulldozer for rescue & salvage Loader Truck & tractors for transportation	
No. of working days	275 days	
Working hours/day	12 hours	
No. Of workers	Approximately 52 labours	
No. Of vehicles movement/day	59 units	
Type of Land	Government Waste Land (Revenue land)	
Ultimate Depth of Mining	3 m	
Nearest metalled road from site	SH 91 (Hamirpur-Kalpi Marg): 0.45 km* (N)	
Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.52
	Suppression of dust	11.22
	Plantation	0.03
	Others (if any)	-
	Total	11.77 KLD
Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
Any litigation pending against the project or land in any court	None	
Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster Certificate is issued by Mines Officer, Hamirpur, Letter No. 363/Khanij-MMC-30-Vivdh (2017-18) dated 28/05/2018.	
Details of Lease Area in approved DSR	Page No 61; Table No. 20	
Proposed CER cost	5% of total project cost i.e. Rs. 7,02,297/-	
Proposed EMP cost & Total Project Cost	Rs. 30,17,495/- & Rs. 1,40,00,000/-	
Length and Width of Haul Road	1870 m Length and 6 m width	
No. of Trees to be Planted	61	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-08

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.

Annexure-3

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CER cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left unworked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and

- NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
 21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the project should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be

- charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

State Level Environment Impact Assessment Authority, Uttar Pradesh

Uploaded on
www.seiaaup.in

Directorate of Environment, U.P.

Vinay Khand-1, Gouti Nagar, Lucknow-226010

Phone: 91-522-2300541, Fax: 91-522-2300540

E-mail: director@seiaaup.in

Website: www.seiaaup.in

To,

Smt. Kaushalya Chaubey,
W/o Brajesh Kumar,
Owner,
Village- Tauriyapura, Tehsil- Kulpohar,
District- Mahoba, U.P.

Ref. No. 275 /Parya/SEAC/4219/2018

Date: 11 July, 2018

Sub: Terms of reference for Proposed River Bed Sand/Morrum Mining Project from Betwa River at Khand No.- 17/5, Village- Sahjana, Tehsil- Hamirpur, District- Hamirpur, U.P., (Leased Area: 12.145 ha). M/s Kaushalya Chaubey Contractor.

Dear Sir,

Please refer to your application dated 12-04-2018 & 18-04-2018 addressed to the Secretary SEAC/Director, Directorate of Environment, U.P. on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 02-05-2018 & 28-05-2018 and SEIAA in its meeting dated 12-06-2018.

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd., the proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining Project from Betwa River at Khand No.- 17/5, Village- Sahjana, Tehsil- Hamirpur, District- Hamirpur, U.P., (Leased Area: 12.145 ha). M/s Kaushalya Chaubey Contractor.

- 2- Salient features of the project is as follows:

On-line proposal No.	SIA/UP/MIN/24388/2018
File No. allotted by SEIAA, UP	4219
Name of Proponent	Smt. Kaushalya Chaubey Contractor Proprietor- Smt. Kaushalya Chaubey
Full correspondence address of proponent and mobile no.	Smt. Kaushalya Chaubey Contractor Proprietor- Smt. Kaushalya Chaubey W/o Brajesh Kumar R/o Village - Tauriyapura, Tehsil - Kulpohar, District - Mahoba, Uttar Pradesh.
Name of Project	Sand/Morrum Mining
Project location (Plot/Khasra/Gata No.)	Khand No. 17/5
Name of River	Betwa
Name of Village	Sahjana
Tehsil	Sadar
District	Hamirpur
Name of Minor Mineral	Sand/Morrum
Sanctioned Lease Area (in ha)	12.145 ha
Mineable Area (in ha)	8.045 ha
Zero level mRL	90 mRL

LOI for Proposed River Bed Sand/Morrum Mining Project from Baber River at Khand No.- 17/6, Village- Sahiana, Tehsil- Hamirpur, District- Hamirpur, U.P., (Leased Area: 17.145 ha), M/s. Kavshay Chaudhary Contractor.

Max. & Min mrl within lease area	101 mRL and 91 mRL		
Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°57'9.12"N	80° 6'57.02"E
	B	25°57'11.12"N	80° 7'3.14"E
	C	25°56'52.24"N	80° 7'15.18"E
	D	25°56'50.18"N	80° 7'8.87"E
	Non Workable Area		
	E	25°56'56.25"N	80° 7'5.07"E
	F	25°56'57.84"N	80° 7'11.55"E
	G	25°57'4.54"N	80° 7'7.25"E
	H	25°57'1.96"N	80° 7'1.50"E
	Workable Area		
	A	25°57'9.12"N	80° 6'57.02"E
	B	25°57'11.12"N	80° 7'3.14"E
	G	25°57'4.54"N	80° 7'7.25"E
	H	25°57'1.96"N	80° 7'1.50"E
C	25°56'52.24"N	80° 7'15.18"E	
D	25°56'50.18"N	80° 7'8.87"E	
E	25°56'56.25"N	80° 7'5.07"E	
F	25°56'57.84"N	80° 7'11.55"E	
Total Geological Reserves	6,07,250 m ³		
Total Mineable Reserves in LOI	1,45,728 m ³ /year		
Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	1,45,728 m ³ /year (7,28,640 m ³ in 05 years)		
Proposed Production/year	1,45,728 m ³		
Sanctioned Period of Mine lease	5 years		
Production of mine/day	529.92 m ³ /day		
Method of Mining	Bar Scalping or Skimming method (Semi mechanized/ OTM-Other than fully mechanized, as per IBM & SSMG, 2016) using: Scraper/light earth movers Chain based Bulldozer for rescue & salvage Loader Truck & tractors for transportation		
No. of working days	275 days		
Working hours/day	12 hours		
No. Of workers	Approximately 52 labours		
No. Of vehicles movement/day	59 units		
Type of Land	Government Waste Land (Revenue land)		
Ultimate Depth of Mining	3 m		
Nearest metalled road from site	SH 91 (Hamirpur-Kalpi Marg): 0.45 km ⁿ (N)		
Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	11.22	
	Plantation	0.03	
	Others (if any)	-	
	Total	11.77 KLD	

TOR for Proposed River Bed Sand/Morran Mining Project from Baram River at Khind No.- 17/5, Village- Sahana, Tehsil- Hamirpur, District- Hamirpur, U.P., (Leased Area: 12.345 ha), M/s. Kaushalya Choubey Contractor.

Name of QCI Accredited Consultant with QCI No and period of validity,	ENV Development Assistance Systems (I) Pvt. Ltd. NASET/EIA/1720/RA 0078 and Valid till 02/04/2020.
Any litigation pending against the project or land in any court	None
Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster Certificate is issued by Mines Officer, Hamirpur Letter No. 363/Khenij-MMC-30-Vividh (2017-18) dated 28.05.2018.
Details of Lease Area in approved DSR	Page No 61; Table No. 20
Proposed CER cost	5% of total project cost i.e. Rs. 7,02,287/-
Proposed EMP cost & Total Project Cost	Rs. 30,17,495/- & Rs. 1,40,00,000/-
Length and Width of Haul Road	1870 m Length and 6 m width
No. of Trees to be Planted	61

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).
The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA:
 1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
 2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
 3. CER cost to be calculated for individual lease.
 4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
 5. The lab conducting the analysis should be authenticated and registered.
 6. Public hearing to be conducted as per EIA Notification, 2006.
 7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
 8. Approved mining plans for all the mining projects.
 9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
 10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
 11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
 12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
 13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors,

- Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
 15. Impact of change of land use should be given.
 16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
 17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
 18. 02 km kachhia haul road to be made motorable. Submit Plan.
 19. One season (Non Monsoon) primary baseline data on ambient air quality ($PM_{2.5}$, PM_{10} , SO_2 and NO_2), water quality, noise level, soil and flora and fauna shall be collected and the AAD data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
 20. There should be at least one monitoring station within 500 m of the mine lease in the predominant downwind direction. The mineralogical composition of PM_{10} particularly for free silica should be given.
 21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the project should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water

Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.

27. Details of first order stream, if any passing through lease area and modification/diversion proposed, if any and the impact of the same on the hydrology should be brought out.
28. Details of rainwater harvesting proposed, if any, in the project should be provided.
29. Information on reduced levels/site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
42. The cost of project (capital cost and recurring cost) as well as the cost towards

TOI for Proposed River Bed Sand/Mining Project from Betwa River at Khand No.- 17/5, Village- Sahiana, Tehsil- Hamirpur, District- Hamirpur, U.P.. (Leased Area: 12.149 ha), M/s. Maulmaly Choubher Contractor.

Implementation of EMP should clearly be spelt out.

43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.


This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shrutika Skukla)
Nodal, SEIAA/
Deputy Director

No. Parva/SEAC/4219/2018 Dated: As above

Copy with enclosure for information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate, Hamirpur.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Director, Geology and Mining, Govt. of U.P.
7. Copy to Web Master/ guard file.


(Shrutika Skukla)
Nodal, SEIAA/
Deputy Director

- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

9. Proposed River Bed Sand/Morrum Mining Project from Betwa River for M/s Kaushaly Chaubey Contractor, located at Khand No.- 17/5, Village- Sahjana, Tehsil- & District- Hamirpur, U.P., Sanctioned Lease Area: 12.145 ha, File No. 4219/Proposal No.SIA/UP/MIN/24388/2018

A presentation was made by the project proponent alongwith their consultant M/s BNV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand/Morrum Mining Project from Betwa River at Khand No.- 17/5, Village- Sahjana, Tehsil- & District- Hamirpur, U.P., (Sanctioned Lease Area: 12.145 ha), M/s Kaushaly Chaubey Contractor.
2. The public hearing was organized on 18/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/24388/2018		
2. File No. allotted by SEIAA, UP	4219		
3. Name of Proponent	Smt. Kaushalya Chaubey Contractor Proprietor- Smt. Kaushalya Chaubey		
4. Full correspondence address of proponent and mobile no.	Smt. Kaushalya Chaubey Contractor Proprietor- Smt. Kaushalya Chaubey W/o Brajesh Kumar R/o Village - Tauriyapura, Tehsil - Kulpahar, District - Mahoba, Uttar Pradesh.		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 17/5		
7. Name of River	Betwa		
8. Name of Village	Sahjana		
9. Tehsil	Sadar		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	12.145 ha		
13. Mineable Area (in ha)	8.045 ha		
14. Zero level mRL	90 mRL		
15. Max. & Min mrl within lease area	101 mRL and 91 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°57'9.12"N	80° 6'57.02"E
	B	25°57'11.12"N	80° 7'3.14"E

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	C	25°56'52.24"N	80° 7'15.18"E
	D	25°56'50.18"N	80° 7'8.87"E
	Non Workable Area		
	E	25°56'56.25"N	80° 7'5.07"E
	F	25°56'57.84"N	80° 7'11.55"E
	G	25°57'4.54"N	80° 7'7.25"E
	H	25°57'1.96"N	80° 7'1.50"E
	Workable Area		
	A	25°57'9.12"N	80° 6'57.02"E
	B	25°57'11.12"N	80° 7'3.14"E
	G	25°57'4.54"N	80° 7'7.25"E
	H	25°57'1.96"N	80° 7'1.50"E
	C	25°56'52.24"N	80° 7'15.18"E
	D	25°56'50.18"N	80° 7'8.87"E
	E	25°56'56.25"N	80° 7'5.07"E
	F	25°56'57.84"N	80° 7'11.55"E
17. Total Geological Reserves	6,07,250 m ³		
18. Total Mineable Reserves in LOI	1,45,728 m ³ /year		
19. Total Proposed Production as per Form-I, PFR, Mine Plan and presentation at SEAC	1,45,728 m ³ /year (7,28,640 m ³ in 05 years)		
20. Proposed Production/year	1,45,728 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	529.92 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 62 labours		
27. No. Of vehicles movement/day	35 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 91 (Hamirpur-Kalpi Marg): 0.45 km* (N)		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		1.18
	Suppression of dust		20.64
	Plantation		0.030
	Others (Stored water)		0.10
	Total		21.95 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster Certificate is issued by Mines Officer, Hamirpur Letter No.04/Khanij-MMC-30-vividh (2017-18), dated 02.04.2018.		
35. Details of Lease Area in approved DSR	Page No 61; Table No. 20		
36. Proposed CER cost	2% of total project cost i.e. Rs 18,95,095/-		

37. Proposed EMP cost & Total Project Cost	Rs. 43,24,765/- & Rs. 9,47,54,764/-
38. Length and Width of Haul Road	Unpaved Length 1.29 km and Paved Length 1.29km and 6 m width
39. No. of Trees to be Planted	91

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The project proponent also informed that as per EIA Notification 14th September, 2006, online submission of EIA report for appraisal after public hearing is next stage in the process of grant of environmental clearance. We are unable to submit our complete EIA report which is of approx. 85 MB on the MoEF&CC portal due to restriction of 20 MB file size. Hence, they are submitting only EMP of the project, minutes of public hearing, risk assessment document which constitute the main domain of an EIA report.

RESOLUTION AGAINST AGENDA NO-09

The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled.

The recommendation of EC will be subjected to general/ specific conditions as annexed at annexure 1 & 2 to these minutes. The committee also stipulated following specific conditions:

- 1- Pakka motorable haul road to be maintained by the project proponent.
- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.

- 10- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 18,95,095/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

10. Proposed River Bed Sand Mining Project from Yamuna River for M/s Rajesh Enterprises located at Khand No.- 15/43 to 15/44, Village- Mahewa, Tehsil- Manjhanpur, Distt-Kaushambi, U.P., Sanctioned Lease Area: (24.28 ha) File No. 4164/Proposal No.SIA/UP/MIN/22706/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand Mining Project from Yamuna River at Khand No.- 15/43 to 15/44, Village- Mahewa, Tehsil- Manjhanpur, Distt-Kaushambi, U.P., Sanctioned Lease Area: (24.28 ha), M/s Rajesh Enterprises.
2. The public hearing was organized on 24/09/2018.
3. Salient features of the project as submitted by the project proponent:

Annexure-1

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM
MINING PROPOSALS**

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can

- form a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation camps be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.

36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, a awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required; also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.

15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

5. Proposed River Bed Sand/Morrum Mining Project from Betwa River for M/s Kaushaly Chaubey Contractor, located at Khand No.- 17/5, Village- Sahjana, Tehsil- & District- Hamirpur, U.P., Sanctioned Lease Area: 12.145 ha. File No. 4219/Proposal No.SIA/UP/MIN/24388/2018

The SEIAA gone through the recommendation of SEAC to grant E.C. with the general and specific conditions. The SEIAA also gone through the file and noted that the case was earlier recommended by SEAC in its meeting dated 16-10-2018 for grant of EC with the comments that-

"The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting. The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled"

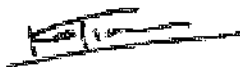
The SEIAA also noted that this matter was taken in its earlier meeting dated 06-11-2018 and was referred back to SEAC since it did not find it appropriate to issue E.C. in view of the above comments. In the mean time Hon'ble NGT ordered dated 13-11-2018 in MA no.- 1622/2018 of OA no.-912/2018 that-

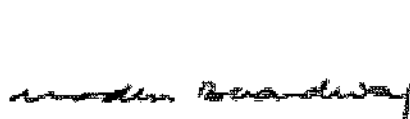
3-"We are of the view that this objection may be considered in the joint committee of SEIAA and SEAC in accordance with law before a decision is taken in the matter. If this objection is rejected, the reasons may be given. The applicant will be at liberty to raise this objection before the committee."

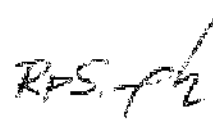
In compliance to the said order of NGT dated 13-11-2018 a joint meeting of SEAC and SEIAA was held on 14-11-2018 in which it was decided that the SEAC will again carryout appraisal of this project on the basis of individual EIA. SEAC has again carried out appraisal in its meeting dated 16-11-2018 and has recommended to grant EC with certain general and specific conditions.

The SEIAA gone through the recommendation of SEAC dated 16-11-2018 to grant EC wherein it has mentioned that the Project proponent has submitted individual EIA and also made a presentation before SEAC.

Keeping in view of the recommendation of SEAC dated 16-11-2018 again to grant EC to the titled project, SEIAA decided to go with the recommendation of SEAC along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied".







State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vinod Khand-I, Gopal Nagar, Lucknow - 226 010

Phone: 91-522-2300 541, Fax: 91-522-2300 543

E-mail: doespko@yahoo.com

Website: www.seiaapp.in

To,

Smt. Kaushalya Chaubey
W/o Brajesh Kumar
R/o Village - Tauriyapura,
Tehsil - Kulpahar,
District - Mahoba, Uttar Pradesh.

Ref. No. S.O.7 /Paryt/SEAC/4219/2018

Date: 24 November, 2018

Sub: Environmental Clearance for River Bed Sand/Morrum Mining Project from Betwa River at Khand No.-17/5, Village- Sahjana, Tehsil- & District- Hamirpur, U.P., (Sanctioned Lease Area: 12.145 ha), M/s Kaushalya Chaubey Contractor.

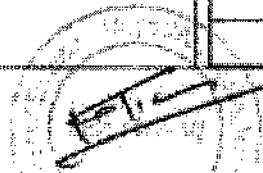
Dear Sir,

Please refer to your application/letter dated 12-04-2018, 18-04-2018, 04-10-2018 & 15-10-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 16-10-2018 & 16-11-2018.

A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand/Morrum Mining Project from Betwa River at Khand No.- 17/5, Village- Sahjana, Tehsil- & District- Hamirpur, U.P., (Sanctioned Lease Area: 12.145 ha), M/s Kaushalya Chaubey Contractor.
2. The public hearing was organized on 18/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/24388/2018		
2. File No. allotted by SEIAA, UP	4219		
3. Name of Proponent	Smt. Kaushalya Chobey Contractor Proprietor- Smt. Kaushalya Chaubey		
4. Full correspondence address of proponent and mobile no.	Smt. Kaushalya Chaubey Contractor Proprietor- Smt. Kaushalya Chaubey W/o Brajesh Kumar R/o Village - Tauriyapura, Tehsil - Kulpahar, District - Mahoba, Uttar Pradesh.		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 17/5		
7. Name of River	Betwa		
8. Name of Village	Sahjana		
9. Tehsil	Sadar		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	12.145 ha		
13. Mineable Area (in ha)	8.045 ha		
14. Zero level mRL	90 mRL		
15. Max. & Min mrl within lease area	101 mRL and 91 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°57'9.12"N	80° 6'57.02"E
	B	25°57'11.12"N	80° 7'3.14"E
C	25°56'52.24"N	80° 7'15.18"E	



E.C. for River Bed Sand/Morrum Mining Project from Arun River at Khari No.- 17/3, Village- Sahana, Tehsil- B District- Hamirpur, U.P., (Sanctioned Lease Area: 12.145 ha), M/s. Nauchaly Chaubey Contractor.

	D	25°56'50.18"N	80° 7'8.87"E
Non Workable Area			
	E	25°56'56.25"N	80° 7'5.07"E
	F	25°56'57.84"N	80° 7'11.55"E
	G	25°57'4.54"N	80° 7'7.25"E
	H	25°57'1.95"N	80° 7'1.50"E
Workable Area			
	A	25°57'9.12"N	80° 6'57.02"E
	B	25°57'11.12"N	80° 7'9.14"E
	G	25°57'4.54"N	80° 7'7.25"E
	H	25°57'1.95"N	80° 7'1.50"E
	C	25°56'52.24"N	80° 7'15.18"E
	D	25°56'50.18"N	80° 7'8.87"E
	E	25°56'56.25"N	80° 7'5.07"E
	F	25°56'57.84"N	80° 7'11.55"E
17. Total Geological Reserves	6,07,250 m ³		
18. Total Mineable Reserves in LDI	1,45,728 m ³ /year		
19. Total Proposed Production as per Form-I, PFR, Mine Plan and presentation at SEAC	1,45,728 m ³ /year (7,28,640 m ³ in 05 years)		
20. Proposed Production/year	1,45,728 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	575.92 m ³ /day		
23. Method of Mining	Open cast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 62 labours		
27. No. Of vehicles movement/day	35 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 91 (Hamirpur-Kalpi Marg): 0.45 km ³ (N)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.18	
	Suppression of dust	20.64	
	Plantation	0.030	
	Others (Stored water)	0.10	
	Total	21.95 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer.	Cluster Certificate is issued by Mines Officer, Hamirpur. Letter No.04/Khanij-MMC-30-vividh (2017-18), dated 02.04.2018.		
35. Details of Lease Area in approved DSR.	Page No 61; Table No. 20		
36. Proposed CER cost	2% of total project cost i.e. Rs 18,95,095/-		
37. Proposed EMP cost & Total Project Cost	Rs. 43,24,765/- & Rs. 9,47,54,764/-		



38. Length and Width of Haul Road	Unpaved Length 1.29 km and Paved Length 1.29km and 6 m width
39. No. of Trees to be Planted	91

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 16/10/2018 & 16/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 23/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 1,45,728 m³/year is proposed from mining lease area 12.145 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Morram will not in any way disturb the velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of



- measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
16. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
 19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZillaParishad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.



E.C. for River Bed Sand/Material Mining Project from Satwa River at Ghans No. 17/5, Village- Sahjua, Tehsil- A District- Hamirpur, U.P., (Sanctioned Lease Area: 12.145 ha), M/A. Kaushalya Chauhan Contractor.

36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied.
2. Pakka motorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.



E.C. for River Bed Sand/Morrum Mining Project from Rasona River at Khond No. - 17/9, Village - Sakhara, Tehsil - & District - Hamirpur, U.P. (Sanctioned Lease Area: 12.145 ha). M/s. Kaushalya Charbey Contractor.

9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a GCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by floor scraping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 18,95,095/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
19. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha. than additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling with in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHA and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.



I.C. for River Bed Sand/Morrum Mining Project from Betwa River at Khond No. - 17/5, Village- Sahjani, Tehsil- & District- Hamirpur, U.P. (Sanctioned Lease Area: 12.345 ha), M/s. Kaushaly Chandoy Contractors.

31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for mid-term review of conditions of Environmental Clearance.
32. The mining work will be open-cast and manual/semi-mechanized (subject to order of Hon'ble MGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/morrum from the river bank only.
34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that whatever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, fecal Coliform and Total Suspended Solids (TSS)].
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labourers engaged for the project work.
45. Solid waste material viz., gutkha-pouches, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPCCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.



E.C. for River Bed Sand/Morrum Mining Project from Betwa River at Khand No.- 12/3, Village- Baidon, Tehsil- 8, District- Hamirpur, U.P., (Sanctioned Lease Area: 12.145 ha), M/s. Kaushaly Chaudhary Contractor.

51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along-with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.


(Ashish Thwari)
Member Secretary, SEIAA

Ref. No. /Parva/SEAC/4219/2019 Dated: As above
Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-M, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.

(Ashish Thwari)
Member Secretary, SEIAA

14. Proposed River Bed Sand/Morrum Mining Project from Ken River for M/s Silver Mist Retail Pvt. Ltd. located at Khand No.- 30/1, Village- Bhulsi, Tehsil- Maudaha, District- Hamirpur, U.P., Lease Area: 36.437 ha, File No. 4234/Proposal No. (SIA/UP/ MIN /25040/2018)

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining Project from Ken River at Khand No.- 30/1, Village- Bhulsi, Tehsil- Maudaha, District- Hamirpur, U.P., (Leased Area: 36.437 ha.), M/s Silver Mist Retail Pvt. Ltd.
- 2- Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/25040/2018		
2. File No. allotted by SEIAA, UP	4234		
3. Name of Proponent	M/s Silver Mist Retail Pvt. Ltd. Proprietor- Shri Prashant Malviya		
4. Full correspondence address of proponent and mobile no.	M/s Silver Mist Retail Pvt. Ltd. Proprietor- Shri Prashant Malviya S/o Shri Santosh Malviya R/c H.No. Ward No.10, Sardar ward, Village - Sohagpur, Tehsil - Hosangabad, District - Hosangabad, Madhya Pradesh		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No.30/1		
7. Name of River	Ken		
8. Name of Village	Bhulsi		
9. Tehsil	Maudaha		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	36.437 ha		
13. Mineable Area (in ha)	32.827 ha		
14. Zero level mRL	88 mRL		
15. Max. & Min mrl within lease area	99 mRL and 88 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°38'4.83"N	80°17'45.70"E
	B	25°37'57.16"N	80°17'50.29"E
	C	25°38'18.54"N	80°18'28.54"E
	D	25°38'24.83"N	80°18'23.41"E
	Workable Area		
	A	25°38'4.83"N	80°17'45.70"E
	D	25°38'24.83"N	80°18'23.41"E
	B	25°38'19.27"N	80°18'27.92"E
	F	25°38'7.42"N	80°18'12.98"E
	G	25°38'0.89"N	80°17'58.06"E
	H	25°38'2.47"N	80°17'47.15"E
17. Total Geological Reserves	18,21,850 m ³		
18. Total Mineable Reserves in LOI	5,82,912 m ³ /year		
19. Total Proposed Production as per Form-1,	5,82,912 m ³ /year (29,14,560 m ³ in 05 years)		

PFR, Mine Plan and presentation at SEAC		
20. Proposed Production/year	5,82,912 m ³	
21. Sanctioned Period of Mine lease	5 years	
22. Production of mine/day	2119.68 m ³ /day	
23. Method of Mining	Opencast manual/ Semi-mechanized	
24. No. of working days	275 days	
25. Working hours/day	12 hours	
26. No. Of workers	Approximately 52 labours	
27. No. Of vehicles movement/day	235 units	
28. Type of Land	Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	MDR (Sumerpur-Banda) : 6.5 km*(W)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.52
	Suppression of dust	9.0
	Plantation	0.09
	Others (if any)	-
	Total	9.61 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project comes under 'B' category, cluster Certificate is not required.	
35. Details of Lease Area in approved DSR	Page No 63; Table No. 20	
36. Proposed CSR cost	5% of total project cost i.e. Rs7,17,997/-	
37. Proposed EMP cost & Total Project Cost	Rs. 35,97,690/- & Rs. 1,43,00,000/-	
38. Length and Width of Haul Road	1870 m Length and 6 m width	
39. No. of Trees to be Planted	182	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-14

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.

Annexure-3

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. ~~Certificate from Mining Officer that there is no other mining area within 500 m periphery~~
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and

- NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the predominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
 21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the project should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be

- charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 43. Present position of distances of railway lines National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Plot No. 1, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : docupfko@yako.com

Website : www.seiaapp.in

To,

Shri Prashant Malviya,
Owner,
H. no- Ward no- 10, Sardar ward,
Village- sohagpur, Tehsil- Hosangabad,
District- Hosangabad, Madhya Pradesh.

Ref. No. 159/Parya/SEAC/4234/2018

Date: 27 June, 2018

Sub: Terms of reference for Proposed River Bed Sand/Morrum Mining Project from Ken River at Khand No.- 30/1, Village- Bhulsi, Tehsil- Maudaha, District- Hamirpur, U.P., (Leased Area: 36.437 ha.), M/s Silver Mist Retail Pvt. Ltd.

Dear Sir,

Please refer to your application dated 19-04-2018 addressed to the Secretary SEAC/Director, Directorate of Environment, U.P. on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 03-05-2018 and SEIAA in its meeting dated 17-05-2018.

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining Project from Ken River at Khand No.- 30/1, Village- Bhulsi, Tehsil- Maudaha, District- Hamirpur, U.P., (Leased Area: 36.437 ha.), M/s Silver Mist Retail Pvt. Ltd.
- 2- Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/25040/2018
2. File No. allotted by SEIAA, UP	4234
3. Name of Proponent	M/s Silver Mist Retail Pvt. Ltd. Proprietor- Shri Prashant Malviya
4. Full correspondence address of proponent and mobile no.	M/s Silver Mist Retail Pvt. Ltd. Proprietor- Shri Prashant Malviya S/o Shri Santosh Malviya R/o H.No. Ward No.10, Sardar ward, Village - Sohagpur, Tehsil - Hosangabad, District - Hosangabad, Madhya Pradesh
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No.30/1
7. Name of River	Ken
8. Name of Village	Bhulsi
9. Tehsil	Maudaha
10. District	Hamirpur
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	36.437 ha
13. Mineable Area (in ha)	32.827 ha

TOI for Proposed River Bed Sand/Morrum Mining Project from Ken River at Khand No.- 30/1, Village- Ghansi, Tehsil- Maudaha, District- Hamirpur, U.P., (Leased Area: 36.437 ha, L. M/s Siver Mis) Retail Pvt. Ltd.

14. Zero level mRL	88 mRL		
15. Max. & Min mrl within lease area	99 mRL and 88 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°38'4.83"N	80°17'45.70"E
	B	25°37'57.16"N	80°17'50.29"E
	C	25°38'18.54"N	80°18'28.54"E
	D	25°38'24.83"N	80°18'23.41"E
	Workable Area		
	A	25°38'4.83"N	80°17'45.70"E
	D	25°38'24.83"N	80°18'23.41"E
	E	25°38'19.27"N	80°18'27.92"E
F	25°38'7.42"N	80°18'12.98"E	
G	25°38'0.89"N	80°17'58.06"E	
H	25°38'2.47"N	80°17'47.15"E	
17. Total Geological Reserves	18,21,850 m ³		
18. Total Mineable Reserves in LOI	5,82,912 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	5,82,912 m ³ /year (29,14,560 m ³ in 05 years)		
20. Proposed Production/year	5,82,912 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2119.68 m ³ /day		
23. Method of Mining	Opencast manual/ Semi-mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	235 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR (Sumerpur-Banda) : 6.5 km*(W)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	9.0	
	Plantation	0.09	
	Others (if any)	-	
Total	9.61 KLD		
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project comes under B1 category, cluster Certificate is not required.		
35. Details of Lease Area in approved DSR	Page No 63; Table No. 20		
36. Proposed CSR cost	5% of total project cost i.e. Rs7,17,997/-		
37. Proposed EMP cost & Total Project Cost	Rs. 35,97,690/- & Rs. 1,43,00,000/-		
38. Length and Width of Haul Road	1870 m Length and 6 m width		
39. No. of Trees to be Planted	182		

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA:

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exist within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
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- the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
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 18. 02 km kachcha haul road to be made motorable. Submit Plan.
 19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
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 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
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- how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
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 37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out. 15-
 43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest

TOB for Proposed River Bed Sand/Morrum Mining Project from Kan River at Khand No.- 30/1, Village- Ghushi, Tehsil-
Maudaha, District- Hamirpur, U.P., (Leased Area: 35.437 ha.), M/s Silver Mist Retail Pvt. Ltd.

norms/conditions and it may be detailed in EIA.

47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed in EIA reports.

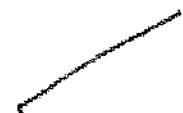
This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

No /Parya/SEAC/4234/2018 Dated: As above

Copy with enclosure for information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indra Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate, Hamirpur.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Director, Geology and Mining, Govt. of U.P.
7. Copy to Web Master/ guard file.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

Minutes of the 210th Meeting of the SEIAA held on 17/05/2018

- 13. Proposed River Bed Sand/Morrum Mining Project from Ken River for for M/s Gyan Infrabulld Pvt. Ltd., located at Khand No.- 30/3, Village- Bhalsi, Tehsil- Maudaha, District- Hamirpur, U.P., Lease Area: 36.437 ha, File No. 4233/Proposal No. (SIA/UP/ MIN /24938/2018)**

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

- 14. Proposed River Bed Sand/Morrum Mining Project from Ken River for M/s Silver Mist Retail Pvt. Ltd. located at Khand No.- 30/1, Village- Bhalsi, Tehsil- Maudaha, District- Hamirpur, U.P., Lease Area: 36.437 ha, File No. 4234/Proposal No. (SIA/UP/ MIN /25040/2018)**

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

- 15. Gadhiwa Majhigawan Sand/Morrum Mining Project at Khasra No.- 177, 178 Mi, 176, 160, 159 A, 162, 161, 158, 157 Mi, 156, 155, 163 Mi, 154, 148, 146, 147, 145, 144, 143, 138, 142, 141, 139 Mi, 140 Mi, 129,, Village- Gadhiwa Majhigawan, Tehsil- Khaga, District- Fatehpur, U.P., Shri Daljeet Singh Lease Area: 34.00 ha, File No. 4235/Proposal No. (SIA/UP/ MIN /23595/2018)**

The SEIAA agreed with the recommendations of the SEAC that the project proponent is to be asked to submit information regarding the matter as suggested by the SEAC.

- 16. Proposed River Bed Sand/Morrum Mining Project having lease Area: 20.242 ha (50.01 Acre) along River Betwa in Gata No.- 1396 Ga, Khand No.- 04, at Village- Bhedikhurd, Tehsil- Kalpi, District- Jalaun, U.P. Shri Anand Gupta, Lease Area: 20.242 ha, File No. 4237/Proposal No. (SIA/UP/ MIN /25608/2018)**

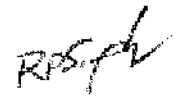
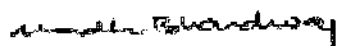
The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

- 17. Ram Nagar Kauhau Sand/Morrum Mining Project Khand- 1 B, 35 & 25 Mi" at Village-Ram Nagar Kauhau, Tehsil & District- Fatehpur,, U.P., M/s Indore Property Pvt. Ltd., Lease Area: 40.48 ha, 20.242 ha, File No. 4238/Proposal No. (SIA/UP/ MIN /25610/2018)**

The SEIAA agreed with the recommendations of the SEAC that the project proponent is to be asked to submit information regarding the matter as suggested by the SEAC.

- 18. "Korra Kanak" Sand/Morrum Mining Project at Khand-03, Village-Korra Kanak, Tehsil- Sadar, District- Fatehpur,, U.P., M/s Dillyana Mining Corporation Pvt. Ltd., Lease Area: 40.48 ha, File No. 4239/Proposal No. (SIA/UP/ MIN /25616/2018)**

The SEIAA agreed with the recommendations of the SEAC that the project proponent is to be asked to submit information regarding the matter as suggested by the SEAC.



- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

8. Proposed Riverbed Sand/Morrum Mining Project from Betwa River of ShriAtikurrahman located at Khand No.-22/14, Village-RiruaBasaria, Tehsil-Sarila, Hamirpur, UP Sanctioned Lease Area - 24.291 ha, Effective working Area- 21.191 ha File No. 4317/Proposal No. SIA/UP/MIN/26178/2018

RESOLUTION AGAINST AGENDA NO-08

The project proponent did not appear. The committee discussed and directed that project file should be closed and be opened only after request from the project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online request on prescribed online portal.

9. Proposed River Bed Sand/Morrum Mining Project from Ken River for M/s Silvrr Mist Retail Pvt. Ltd., located at Khand No.- 30/1, Village- Bhulsi, Tehsil- Maudaha, District- Hamirpur, U.P., Sanctioned Lease Area: 36.437 ha, Effective Working Area- 32.827 ha File No. 4234/Proposal No. SIA/UP/MIN/25040/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand/Morrum Mining Project from Ken River at Khand No.- 30/1, Village-Bhulsi, Tehsil-Maudaha, District-Hamirpur, U.P., (Sanctioned Lease Area: 36.437 ha), M/s Silvrr Mist Retail Pvt. Ltd., located
2. The public hearing was organized on 20/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/25040/2018
2. File No. allotted by SEIAA, UP	4234
3. Name of Proponent	M/s Silvrr Mist Retail Pvt. Ltd. Proprietor- ShriPrashantMalviya
4. Full correspondence address of proponent and mobile no.	M/s Silvrr Mist Retail Pvt. Ltd. Proprietor- ShriPrashantMalviya S/o ShriSantoshMalviya R/o H.No. Ward No.10, Sardar ward, Village - Sohagpur, Tehsil - Hosangabad, District - Hosangabad, Madhya Pradesh
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No.30/1
7. Name of River	Ken
8. Name of Village	Bhulsi
9. Tehsil	Maudaha

10. District	Hamirpur	
11. Name of Minor Mineral	Sand/Morrum	
12. Sanctioned Lease Area (in ha)	36.437 ha	
13. Mineable Area (in ha)	32.827 ha	
14. Zero level mRL	87 mRL	
15. Max. & Min mrl within lease area	99 mRL and 88 mRL	
16. Pillar Coordinates (Verified by DMO)	Pillars	Longitude
	Sanctioned Lease Area	
	A	80°17'45.70"E
	B	80°17'50.29"E
	C	80°18'28.54"E
	D	80°18'23.41"E
	Workable Area	
	A	80°17'45.70"E
	D	80°18'23.41"E
	E	80°18'27.92"E
	F	80°18'12.98"E
	G	80°17'58.06"E
	H	80°17'47.15"E
	Non Workable Area	
	H	80°17'47.15"E
B	80°17'50.29"E	
G	80°17'58.06"E	
F	80°18'12.98"E	
C	80°18'28.54"E	
E	80°18'27.92"E	
17. Total Geological Reserves	18,21,850 m ³	
18. Total Mineable Reserves in LOI	5,82,912 m ³ /year	
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	5,82,912 m ³ /year (29,14,560 m ³ in 05 years)	
20. Proposed Production/year	5,82,912 m ³	
21. Sanctioned Period of Mine lease	5 years	
22. Production of mine/day	2119.68 m ³ /day	
23. Method of Mining	Opencast Semi mechanized	
24. No. of working days	275 days	
25. Working hours/day	12 hours	
26. No. Of workers	Approximately 75 labours	
27. No. Of vehicles movement/day	141 units	
28. Type of Land	Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	MDR (Sumerpur-Banda) : 6.5 km*(W)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	1.89
	Suppression of dust	26.64
	Plantation	0.0911
	Others (Stored water)	0.10
Total	28.72 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Lett.:r No.32 /khanij-M-M-C- Tees- Vividh (2018-19) dated	

	06/04/2018
35. Details of Lease Area in approved DSR	Page No 63; Table No. 20
36. Proposed CBR cost	2% of total project cost i.e. Rs 41,37,308/-
37. Proposed EMP cost & Total Project Cost	Rs. 54,23,519/- &Rs. 20,68,65,430/-
38. Length and Width of Haul Road	Unpaved Length 0.99 m and Paved Length 6.75 m and 6 m width
39. No. of Trees to be Planted	273

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The project proponent also informed that as per EIA Notification 14th September, 2006, online submission of EIA report for appraisal after public hearing is next stage in the process of grant of environmental clearance. We are unable to submit our complete EIA report which is of approx. 85 MB on the MoEF&CC portal due to restriction of 20 MB file size. Hence, they are submitting only EMP of the project, minutes of public hearing, risk assessment document which constitute the main domain of an EIA report.

RESOLUTION AGAINST AGENDA NO-09

The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled.

The recommendation of EC will be subjected to general/ specific conditions as annexed at annexure 1 & 2 to these minutes. The committee also stipulated following specific conditions:

- 1- Pakkamotorable haul road to be maintained by the project proponent.
- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.

- 10- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 41,37,308/-shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

10. Proposed River Bed Sand Mining Project from Ken River for M/s Silvrr Mist Retail Pvt. Ltd., at Khand No.- 30/2, Village- Bhulsi, Tehsil- Maudaha, Hamirpur, U.P., Sanctioned Lease Area: 36.437 File No. 4100/Proposal No. SIA/UP/MIN/22098/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand Mining Project from Ken River at Khand No.- 30/2, Village- Bhulsi, Tehsil- Maudaha, Hamirpur, U.P., (Sanctioned Lease Area: 36.437 ha.), M/s Silvrr Mist Retail Pvt. Ltd.
2. The public hearing was organized on 20/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/22098/2018
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Annexure-1

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM
MINING PROPOSALS**

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating

- projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of

35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

- the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
 16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
 17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
 18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
 19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
 20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
 21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
 22. Solid waste material viz., gutkhapouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
 23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
 24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
 25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
 26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
 27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
 28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
 29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

Directorate of Environment, U.P.

Vineet Khand-1, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : docuplko@yahoo.com

Website : www.seiaaup.in

To,

Shri Prashant Malviya,
Owner,
H. no- Ward no- 10, Sardar ward,
Village- sohagpur, Tehsil- Hosangabad,
District- Hosangabad, Madhya Pradesh.

Ref. No. U&B...../Parya/SEAC/4234/2018

Date: 24 November, 2018

Sub: Environmental Clearance for River Bed Sand/Morrum Mining Project from Ken River at Khand No.- 30/1, Village-Bhulsi, Tehsil-Maudaha, District-Hamirpur, U.P., (Sanctioned Lease Area: 36.437 ha), M/s Silvr Mist Retail Pvt. Ltd.

Dear Sir,

Please refer to your application/letter dated 14-04-2018, 12-04-2018, 04-10-2018 & 15-10-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 15/10/2018 & 16/11/2018.

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand/Morrum Mining Project from Ken River at Khand No.- 30/1, Village-Bhulsi, Tehsil-Maudaha, District-Hamirpur, U.P., (Sanctioned Lease Area: 36.437 ha), M/s Silvr Mist Retail Pvt. Ltd.,
2. The public hearing was organized on 20/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/25040/2018		
2. File No. allotted by SEIAA, UP	4234		
3. Name of Proponent	M/s Silvr Mist Retail Pvt. Ltd. Proprietor- ShriPrashantMalviya		
4. Full correspondence address of proponent and mobile no.	M/s Silvr Mist Retail Pvt. Ltd. Proprietor- ShriPrashantMalviya S/o ShriSantoshMalviya R/o H.No. Ward No.10, Sardar ward, Village - Sohagpur, Tehsil - Hosangabad, District - Hosangabad, Madhya Pradesh		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No.30/1		
7. Name of River	Ken		
8. Name of Village	Bhulsi		
9. Tehsil	Maudaha		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	36.437 ha		
13. Mineable Area (in ha)	32.827 ha		
14. Zero level mRL	87 mRL		
15. Max. & Min. mrl within lease area	99 mRL and 88 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°38'4.83"N	80°17'45.70"E
	B	25°37'57.16"N	80°17'50.29"E
	C	25°38'18.54"N	80°18'28.54"E
	D	25°38'24.83"N	80°18'23.41"E

Hamirpur, U.P., (Sanctioned Lease Area: 36.437 ha), M/s Silver Mine Retail Pvt. Ltd.

	Workable Area		
	A	25°38'4.83"N	80°17'45.70"E
D	25°38'24.83"N	80°18'23.41"E	
E	25°38'19.27"N	80°18'27.92"E	
F	25°38'7.42"N	80°18'12.98"E	
G	25°38'0.89"N	80°17'58.06"E	
H	25°38'2.47"N	80°17'47.15"E	
	Non Workable Area		
	H	25°38'2.47"N	80°17'47.15"E
	B	25°37'57.16"N	80°17'50.29"E
	G	25°38'0.89"N	80°17'58.06"E
	F	25°38'7.42"N	80°18'12.98"E
	C	25°38'18.54"N	80°18'28.54"E
E	25°38'19.27"N	80°18'27.92"E	
17. Total Geological Reserves	18,21,850 m ³		
18. Total Mineable Reserves in LOI	5,82,912 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	5,82,912 m ³ /year (29,14,560 m ³ in 05 years)		
20. Proposed Production/year	5,82,912 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2119.68 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 75 labours		
27. No. Of vehicles movement/day	141 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR (Sumerpur-Banda) : 6.5 km (W)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.85	
	Suppression of dust	26.64	
	Plantation	0.0913	
	Others (Stored water)	0.10	
	Total	28.72 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt Ltd. NABET/ERA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.32 /khanij-M-M-C- Tees- Vividh (2018-19) dated 06/04/2018		
35. Details of Lease Area in approved DSR	Page No 63; Table No. 20		
36. Proposed CER cost	2% of total project cost i.e. Rs 41,37,308/-		
37. Proposed EMP cost & Total Project Cost	Rs. 54,23,519/- & Rs. 20,68,65,430/-		
38. Length and Width of Haul Road	Unpaved Length 0.99 m and Paved Length 6.75 m and 6 m width		
39. No. of Trees to be Planted	273		

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.



6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

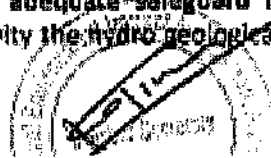
Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 15/10/2018 & 16/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 22/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 5,82,912 m³/year is proposed from mining lease area 36.437 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby village shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.

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19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZillaParisdad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.



38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. Pakka motorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Fit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.



14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 41,37,308/-shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.10 dated 01/05/2018. Work to be executed with Installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
19. Health/insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling with in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NMAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.



34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects, Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)).
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., gutkha pouches, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.



53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alias, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along-with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.


(Ashish Tiwari)
Member Secretary, SEIAA

Ref. No. /Parys/SEAC/4234/2018 Dated: As above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.


(Ashish Tiwari)
Member Secretary, SEIAA

The SEIAA gone through the recommendation of SEAC dated 16-11-2018 to grant EC wherein it has mentioned that the Project proponent has submitted individual EIA and also made a presentation before SEAC.

Keeping in view of the recommendation of SEAC dated 16-11-2018 again to grant EC to the titled project, SEIAA decided to go with the recommendation of SEAC along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied".

20. Proposed River Bed Sand/Morram Mining Project from Ken River for M/s Silvr Mist Retail Pvt. Ltd., located at Khand No.- 30/1, Village- Bhulsi, Tehsil- Maudaha, District- Hamirpur, U.P. Sanctioned Lease Area: 36.437 ha, Effective Working Area- 32.827 ha File No. 4234/Proposal No. SIA/UP/MCN/25040/2018

The SEIAA gone through the recommendation of SEAC to grant E.C. with the general and specific conditions. The SEIAA also gone through the file and noted that the case was earlier recommended by SEAC in its meeting dated 15-10-2018 for grant of EC with the comments that-

"The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting. The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled"



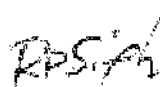
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3-"We are of the view that this objection may be considered in the joint committee of SEIAA and SEAC in accordance with law before a decision is taken in the matter. If this objection is rejected, the reasons may be given. The applicant will be at liberty to raise this objection before the committee."

In compliance to the said order of NGT dated 13-11-2018 a joint meeting of SEAC and SEIAA was held on 14-11-2018 in which it was decided that the SEAC will again carryout appraisal of this project on the basis of individual EIA. SEAC has again carried out appraisal in its meeting dated 16-11-2018 and has recommended to grant EC with certain general and specific conditions.

The SEIAA gone through the recommendation of SEAC dated 16-11-2018 to grant EC wherein it has mentioned that the Project proponent has submitted individual EIA and also made a presentation before SEAC.

Keeping in view of the recommendation of SEAC dated 16-11-2018 again to grant

   Page 11 of 18

EC to the titled project, SEIAA decided to go with the recommendation of SEAC along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied".

21. Proposed River Bed Sand Mining Project from Ken River for M/s SILVER MIST Retail Pvt. Ltd., at Khand No.- 30/2, Village- Bhulsi, Tehsil- Maudaha, Hamirpur, U.P., Sanctioned Lease Area: 36.437 File No. 4100/Proposal No. SIA/UP/MIN/22098/2018

The SEIAA gone through the recommendation of SEAC to grant E.C. with the general and specific conditions. The SEIAA also gone through the file and noted that the case was earlier recommended by SEAC in its meeting dated 15-10-2018 for grant of EC with the comments that-

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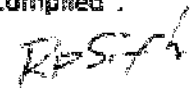
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Minutes of 347th SEAC Meeting Dated 03/07/2018

- 1- Geo co-ordinates should be certified by DMO.
- 2- Letter of starting monitoring to State Pollution Control Board and District Administration should be submitted.
- 3- Monitoring schedule to be defined.
- 4- Monitoring location to be marked in the map.

The matter shall be discussed only after submission of online information on prescribed portal.

22. Proposed River bed Sand/Morrum Mining Project from Ken River for M/s Awasthi Traders at Khand No. -29/1, Village-Bakchha Khadar, Tehsil-Maudaha, District-Hamirpur.,U.P., Lease Area - 12.145 Ha, File No. 4337/Proposal No. (SIA/UP/MIN/27752/2018)

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for proposed River bed Sand/Morrum Mining Project from Ken River at Khand No. -29/1, Village-Bakchha Khadar, Tehsil-Maudaha, District- Hamirpur.,U.P., (Leased Area - 12.145 Ha).
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/27752/2018																																
2. File No. allotted by SEIAA, UP	4337																																
3. Name of Proponent	M/s Awasthi Traders Shri Sushil Chandra S/o Shri Jogeshvar Awasthi																																
4. Full correspondence address of proponent and mobile no.	M/s Awasthi Traders Shri Sushil Chandra S/o Shri Jogeshvar Awasthi R/o Village - Girwan, Tehsil - Naraini, District Banda, Uttar Pradesh. 210001																																
5. Name of Project	Sand/Morrum Mining																																
6. Project location (Plot/Khasra/Gata No.)	Khand No. 29/1																																
7. Name of River	Ken River																																
8. Name of Village	Bakchha Khadar																																
9. Tehsil	Maudaha																																
10. District	Hamirpur																																
11. Name of Minor Mineral	Sand/Morrum																																
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14. Zero level mRL	97 mRL																																
15. Max. & Min mrl within lease area	104 mRL and 101 mRL																																
16. Pillar Coordinates (Verified by DMO)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: center;">Sanctioned Area</th> </tr> <tr> <th style="text-align: center;">Points</th> <th style="text-align: center;">Latitude</th> <th style="text-align: center;">Longitude</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">A</td> <td style="text-align: center;">25°36'29.23"N</td> <td style="text-align: center;">80°17'26.34"E</td> </tr> <tr> <td style="text-align: center;">B</td> <td style="text-align: center;">25°36'32.22"N</td> <td style="text-align: center;">80°17'34.96"E</td> </tr> <tr> <td style="text-align: center;">C</td> <td style="text-align: center;">25°36'46.52"N</td> <td style="text-align: center;">80°17'25.54"E</td> </tr> <tr> <td style="text-align: center;">D</td> <td style="text-align: center;">25°36'41.45"N</td> <td style="text-align: center;">80°17'19.00"E</td> </tr> <tr> <th colspan="3" style="text-align: center;">Workable Area</th> </tr> <tr> <td style="text-align: center;">A</td> <td style="text-align: center;">25°36'29.23"N</td> <td style="text-align: center;">80°17'26.34"E</td> </tr> <tr> <td style="text-align: center;">J</td> <td style="text-align: center;">25°36'30.57"N</td> <td style="text-align: center;">80°17'30.28"E</td> </tr> <tr> <td style="text-align: center;">I</td> <td style="text-align: center;">25°36'34.18"N</td> <td style="text-align: center;">80°17'31.60"E</td> </tr> </tbody> </table>			Sanctioned Area			Points	Latitude	Longitude	A	25°36'29.23"N	80°17'26.34"E	B	25°36'32.22"N	80°17'34.96"E	C	25°36'46.52"N	80°17'25.54"E	D	25°36'41.45"N	80°17'19.00"E	Workable Area			A	25°36'29.23"N	80°17'26.34"E	J	25°36'30.57"N	80°17'30.28"E	I	25°36'34.18"N	80°17'31.60"E
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Minutes of 347th SEAC Meeting Dated 03/07/2018

	H	25°36'36.16"N	80°17'27.07"E
	G	25°36'46.08"N	80°17'25.07"E
	D	25°36'41.45"N	80°17'19.00"E
	K	25°36'31.46"N	80°17'32.79"E
	B	25°36'32.22"N	80°17'34.96"E
	L	25°36'34.89"N	80°17'33.73"E
	Non Workable Area		
	J	25°36'30.57"N	80°17'30.28"E
	K	25°36'31.46"N	80°17'32.79"E
	L	25°36'34.89"N	80°17'33.73"E
	C	25°36'46.52"N	80°17'25.54"E
	H	25°36'36.16"N	80°17'27.07"E
	I	25°36'34.18"N	80°17'31.60"E
17. Total Geological Reserves	6,07,250 m ³		
18. Total Mineable Reserves in LOI	1,94,304 m ³ /year		
19. Total Proposed Production	1,94,304 m ³ /year (9,71,520 m ³ in 05 years)		
20. Proposed Production/year	1,94,304 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	706.56 m ³ /day		
23. Method of Mining	Opencast Manual/Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	79 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR (Blaruwa Sumerpur Banda road) : 5.20 km*(W)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	4.2	
	Plantation	0.50	
	Others (if any)	-	
	Total	5.22 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur, Jharkhand, No. 509/khanjEM-V-C-Tees-Vivir (2017-18) dated 21/06/2018.		
35. Details of Lease Area in approved DSR	Page No 63; Table No.20		
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,02,297/-		
37. Proposed EMP cost/ Total Project Cost	Rs 30,17,495/- & 1,40,45,945/-		
38. Length and Width of Haul Road	350 m Length and 6 m width		
39. No. of Trees to be Planted	61		

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.

- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-22

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes. The committee also stipulated following conditions:

- 1- Letter regarding start of monitoring to State Pollution Control Board and District Administration should be submitted.
- 2- Geo-coordinates verified by DMO should be submitted.
- 3- Monitoring schedule & location to be defined.

Justification/clarification of change of the production capacity of file no. 3984 SEAC meeting held on 03.07.2018

The committee discussed the matter in detail. Initially SEAC recommended the production quantity as per LOI (1,60,000 cum) in its meeting dated 01.02.2018. On this basis the EC was granted on 12.02.2018.

The Project Proponent represent to revision the quantity through online application dated 25.04.2018.

In SEAC meeting dated 18.05.18, the SEAC recommended the quantity as 95,000 cum. from 1,60,000 recommended for revision of quantity in EC.

The SEIAA in its meeting 01.06.18 ask for its justification.

In the meantime, the meeting of SEIAA and SEAC jointly discussed the issue and decided that the quantity mentioned in LOI should not be reduced unless a detailed site inspection takes at place. Project Proponent has not requested for any field verification.

Therefore the recommendation of SEAC meeting dated 18.05.2018 was withdrawn.

(Dr. Sarita Sinha)
Member

(Dr. Arvind Mathur)
Member

(Dr. Virendra Mishra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Dr. Ranjeet Kumar Dalela)
Member

(Shri Ramesh Chand Kataria)
Member

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Regional combined EMP study should be carried out.
3. Regional combined area of homogeneous leases in cluster situation should be verified by DMO.
4. ~~Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.~~
5. CER cost to be calculated for individual lease.
6. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
7. The lab conducting the analysis should be authenticated and registered.
8. Public hearing to be conducted as per EIA Notification, 2006.
9. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
10. Approved mining plans for all the mining projects.
11. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
12. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
13. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
14. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
15. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
16. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
17. Impact of change of land use should be given.
18. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
19. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
20. 02 km kachcha haul road to be made motorable. Submit Plan.

21. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
22. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
23. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
24. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
25. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
26. Details of water conservation measures proposed to be adopted in the project should be given.
27. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
28. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
29. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
30. Details of rainwater harvesting proposed, if any, in the project should be provided.
31. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
32. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
33. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
34. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
35. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
36. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
37. Phase-wise plan of green belt development, plantation and compensatory afforestation should be

- charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
38. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 39. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 40. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 41. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 42. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 43. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 44. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 45. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 46. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 47. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 48. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 49. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 50. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Wings: Khand-1, Gomti Nagar, Lucknow-226 010

Phone : 91-522-2300 941, Fax : 91-522-2300 943

E-mail : doeupin@yahoo.com

Website : www.seiamp.in

To,

Shri Sushil Chandra,
S/o Shri Jogeshwar Awasthi,
Village- Girwan, Tehsil- Naraini,
District- Banda, U.P-210001

Ref. No. 360...../Parya/SEAC/4337/2017

Date: 19/9 August, 2018

Subj: Terms of Reference for proposed River bed Sand/Morrum Mining Project from Ken River at Khand No. -29/1, Village-Bakchha Khadar, Tehsil-Maudaha, District- Hamirpur, U.P., (Leased Area - 12.145 Ha).

Dear Sir,

Please refer to your application/letter dated 18-06-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 03-07-2018 and SEIAA in its meeting dated 26-07-2018.

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1- The environmental clearance is sought for proposed River bed Sand/Morrum Mining Project from Ken River at Khand No. -29/1, Village-Bakchha Khadar, Tehsil-Maudaha, District- Hamirpur, U.P., (Leased Area - 12.145 Ha).

2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/27752/2018
2. File No. allotted by SEIAA, UP	4337
3. Name of Proponent	M/s Awasthi Traders Shri Sushil Chandra S/o Shri Jogeshwar Awasthi
4. Full correspondence address of proponent and mobile no.	M/s Awasthi Traders Shri Sushil Chandra S/o Shri Jogeshwar Awasthi R/o Village - Girwan, Tehsil - Naraini, District Banda, Uttar Pradesh, 210001
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 29/1
7. Name of River	Ken River
8. Name of Village	Bakchha Khadar
9. Tehsil	Maudaha
10. District	Hamirpur
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	12.145 ha
13. Mineable Area (in ha)	8.415 ha
14. Zero level mRL	97 mRL
15. Max. & Min mrl within lease area	104 mRL and 101 mRL
16. Pillar Coordinates (Verified by	Sanctioned Area

TOI for proposed River bed Sand/Morrum Mining Project from Ken River at Khond No. -18/1, Village-Bahichha Khadar, Tehsil-Maudaha, District-Narayan, U.P., Proposed Area - 12 MS Met.

DNO)	Points	Latitude	Longitude
	A	25°36'29.23"N	80°17'26.34"E
B	25°36'32.22"N	80°17'34.96"E	
C	25°36'46.52"N	80°17'25.54"E	
D	25°36'41.45"N	80°17'19.00"E	
Workable Area			
A	25°36'29.23"N	80°17'26.34"E	
J	25°36'30.57"N	80°17'30.26"E	
I	25°36'34.18"N	80°17'31.60"E	
H	25°36'36.16"N	80°17'27.07"E	
G	25°36'46.08"N	80°17'25.07"E	
D	25°36'41.45"N	80°17'19.00"E	
K	25°36'31.46"N	80°17'32.79"E	
B	25°36'32.22"N	80°17'34.96"E	
L	25°36'34.89"N	80°17'33.73"E	
Non Workable Area			
J	25°36'30.57"N	80°17'30.26"E	
K	25°36'31.46"N	80°17'32.79"E	
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I	25°36'34.18"N	80°17'31.60"E	
17. Total Geological Reserves	6,07,250 m ³		
18. Total Mineable Reserves in LOI	1,94,304 m ³ /year		
19. Total Proposed Production	1,94,304 m ³ /year (9,71,520 m ³ in 05 years)		
20. Proposed Production/year	1,94,304 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	705.56 m ³ /day		
23. Method of Mining	Opencast Manual/Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	79 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR (Bharuwa Sumerpur Banda road) : 5.20 km*(W)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	4.2	
	Plantation	0.50	
	Others (if any)	-	
	Total	5.22 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		

33. Any litigation pending against the project or land in any court	None
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.509/Abani]-M-M-C- Tees- Vividh (2017-18) dated 21/06/2018
35. Details of Lease Area in approved DSR	Page No 63; Table No.20
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,02,297/-
37. Proposed EMP cost/ Total Project Cost	Rs 30,17,495/- & 1,40,45,945/-
38. Length and Width of Haul Road	350 m Length and 6 m width
39. No. of Trees to be Planted	61

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue following terms of reference (TOR) for the preparation of EIA.

1. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
2. Letter regarding start of monitoring to State Pollution Control Board and District Administration should be submitted.
3. Geo-coordinates verified by DMO should be submitted.
4. Monitoring schedule & location to be defined.
5. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
6. Certificate from Mining Officer that there is no other mining area exist within 500 m periphery.
7. CER cost to be calculated for individual lease.
8. The lab conducting the analysis should be authenticated and registered.
9. Public hearing to be conducted as per EIA Notification, 2006.
10. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
11. Approved mining plans for all the mining projects.
12. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
13. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
14. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
15. Land use plan of mine lease area should be prepared to encompass pre-operational,

- operational and post-operational phases and submitted.
16. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
 17. A detailed biological study for the study area (core zone and buffer zone (10 km radius of the periphery of the mine lease)) shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
 18. Impact of change of land use should be given.
 19. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
 20. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
 21. 02 km kachcha haul road to be made motorable. Submit Plan.
 22. One season (Non Monsoon) primary baseline data on ambient air quality (PM₁₀, PM_{2.5}, SO₂ and NO₂), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
 23. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
 24. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 25. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 26. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 27. Details of water conservation measures proposed to be adopted in the project should be given.
 28. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 29. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and

copy furnished.

30. Details of first order stream, if any passing through lease area and modification/diversion proposed, if any and the impact of the same on the hydrology should be brought out.
31. Details of rainwater harvesting proposed, if any, in the project should be provided.
32. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
33. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
34. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
35. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
36. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
37. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
38. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
39. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
40. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
41. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
42. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
43. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
44. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
45. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.

Minutes of the 222nd Meeting of the SEIAA held on 26/07/2018

punitive actions as per the law shall be initiated against the authority issuing the cluster certificate.

19. Proposed Moram Mining Project at Yamuna River bed, Khand No.-10/17 & 10/18, over an area of 24.28 Ha situated in Village-Kataleva, Tehsil-Chayal, District - Kaushambi, U.P. Shri Manish Ojha. area of 24.28 Ha. File No. 4340/Proposal No. (SIA/UP/ MIN/75345/2018)

The SEIAA agreed with the recommendations of the SEAC that the project proponent is to be asked to submit information regarding the matter as suggested by the SEAC.

20. Proposed River bed Sand/Morrum Mining project from Ghaghra River for Shri Ashish Kumar Singh located at Khand No.-03 (Gata No.-498 Jha) Village-Udhiya, Tehsil-Ramnagar, District - Barabanki, U.P., Area - 11.00 Ha. File No. 4330/ Proposal No. (SIA/UP/ MIN/27700/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

21. Proposed River bed Sand/Morrum Mining Project from Ken River for M/s Chaudhary Int Udyog located at Gata No.-04 (Block-17), Village-Sadi Khadar, Pailani, District-Banda, U.P., Area-13 Ha, File No. 4335/Proposal No. (SIA/UP/ MIN/27745/2018)

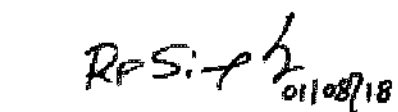
The SEIAA agreed with the recommendations of the SEAC that the project proponent is to be asked to submit information regarding the matter as suggested by the SEAC.

22. Proposed River bed Sand/Morrum Mining Project from Ken River for M/s Awasthi Traders at Khand No. -29/1, Village-Jakchha Khadar, Tehsil-Maudaha, District-Hamirpur, U.P., Lease Area - 12.145 Ha, File No. 4337/Proposal No. (SIA/UP/ MIN/27752/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.


(Shri Ashish Tiwari, IFS)
Member-Secretary
SEIAA


(Dr. (Smt.) Madhu Bhardwaj)
Member
SEIAA


(Prof. Rana Pratap Singh)
Chairman
SEIAA

4. Proposed Riverbed Sand/Morrum Mining Project from Ken River of M/s Awasthi Traders at Khand No. - 29/1, Village - BakchhaKhadar, Tehsil- Maudaha, Distt- Hamirpur, Lease Area - 12.145 Ha, effective working Area 8.415 Ha. File No. 4337/Proposal No. SIA/UP/MIN/27752/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Riverbed Sand/Morrum Mining Project from Ken River at Khand No. - 29/1, Village - BakchhaKhadar, Tehsil- Maudaha, Distt-Hamirpur, U.P., (Lease Area - 12.145 Ha.), M/s Awasthi Traders.
2. The public hearing was organized on 20/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/27752/2018																																																												
2. File No. allotted by SEIAA, UP	4337																																																												
3. Name of Proponent	M/s Awasthi Traders ShriSushil Chandra S/o ShriJogeshvarAwasthi																																																												
4. Full correspondence address of proponent and mobile no.	M/s Awasthi Traders ShriSushil Chandra S/o ShriJogeshvarAwasthi R/o Village - Girwan, Tehsil - Naraini, District Banda, Uttar Pradesh. 210001																																																												
5. Name of Project	Sand/Morrum Mining																																																												
6. Project location (Plot/Khasra/Gata No.)	Khand No. 29/1																																																												
7. Name of River	Ken River																																																												
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Minutes of 363rd SEAC Meeting Dated 15/10/2018

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21. Sanctioned Period of Mine lease	5 years			
22. Production of mine/day	706.56 m ³ /day			
23. Method of Mining	Opencast Semi-mechanized			
24. No. of working days	275 days			
25. Working hours/day	12 hours			
26. No. Of workers	Approximately 62 labours			
27. No. Of vehicles movement/day	47 units			
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)			
29. Ultimate Depth of Mining	3 m			
30. Nearest metalled road from site	MDR (BharuwaSumerpur Banda road) : 5.20 km*(W)			
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)	
	Drinking		1.22	
	Suppression of dust		15.84	
	Plantation		0.03035	
	Others (Stored water)		0.10	
Total		17.19 KLD		
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.			
33. Any litigation pending against the project or land in any court	None			
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No. 509/khami-M-M-C-1-ees-Vividh (2017-18) dated 21/06/2018			
35. Details of Lease Area in approved DSR	Page No 63; Table No.20			
36. Proposed CER cost	2% of total project cost i.e. Rs.2,04,71,55/-			
37. Proposed EMP cost/ Total Project Cost	Rs 36,64,765/- & 10,23,57,750/-			
38. Length and Width of Haul Road	Unpaved length 0.99 m and Paved Length 5 m and 6 m width			
39. No. of Trees to be Planted	91			

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The project proponent also informed that as per EIA Notification 14th September, 2006, online submission of EIA report for appraisal after public hearing is next stage in the process of grant of environmental clearance. We are unable to submit our complete EIA report which is of approx. 85 MB on the MoEF&CC portal due to restriction of 20 MB file size. Hence, they are submitting only EMP of the project, minutes of public hearing, risk assessment document which constitute the main domain of an EIA report.

RESOLUTION AGAINST AGENDA NO-04

The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled.

The recommendation of EC will be subjected to general/ specific conditions as annexed at annexure 1 & 2 to these minutes. The committee also stipulated following specific conditions:

- 1- Pakkamotorable haul road to be maintained by the project proponent.
- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 2,04,71,55/-shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.

- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

5. Proposed River Bed Sand Mining Project from Betwa River for M/s Sanevin Infrastructure Pvt. Ltd., at Gata No.- 864/320, 865/320, Village- Simiriyar, Tehsil- Orai, District- Jalaun, Sanctioned Lease Area: 27.53 Ha, Effective Area: 18.12 Ha File No. 4103/Proposal No. SIA/UP/MIN/21915/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand Mining Project from Betwa River at Gata No.- 864/320, 865/320, Village- Simiriyar, Tehsil- Orai, District- Jalaun, (Sanctioned Lease Area: 27.53 Ha), M/s Sanevin Infrastructure Pvt. Ltd.
2. The public hearing was organized on 18/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/21915/2018		
2. File No. allotted by SEIAA, UP	4103		
3. Name of Proponent	M/s Sanevin Infrastructure Pvt. Ltd. Proprietor- Shri Dinesh Pratap Singh		
4. Full correspondence address of proponent and mobile no.	M/s Sanevin Infrastructure Pvt Ltd Authorised Signatory- Shri Ramesh Chandra Mishra R/o Branch- 06, Sarojini Naidu Marg, Lucknow, U.P. 226001		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 864/320, 865/320		
7. Name of River	Betwa		
8. Name of Village	Simiriya		
9. Tehsil	Orai		
10. District	Jalaun		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	27.53 ha		
13. Mineable Area (in ha)	18.12 ha		
14. Zero level mRL	105 mRL		
15. Max. & Min mrl within lease area	112 mRL and 106 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°51'36.66"N	79°32'34.44"E

Annexure-1

GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM MINING PROPOSALS

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating

- projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.

35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of

- the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
 16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
 17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
 18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
 19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
 20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
 21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
 22. Solid waste material viz., gutkhapouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
 23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
 24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
 25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
 26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
 27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
 28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
 29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

14. Proposed Riverbed Sand/Morrum Mining Project from Betwa River of M/s Disha Enterprises located at 24/14, Village-Chikasi, Tehsil-Sarila, District-Hamirpur, Uttar Pradesh, Sanctioned Area - 36.437 ha. File No. 4528/4439/Proposal No. SIA/UP/MIN/29523/2018

The SEIAA noted that the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions. The Secretariat informed that Project Proponent has submitted the hard copy of individual EIA and has not ^{submitted} online yet. SEIAA opined that Project Proponent should submit ^{individual EIA} individual EIA online also. SEIAA decided to take up the case after online submission of individual EIA.

15. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-23/12, Village- Bhedi Kharka, Tehsil- Sarila, District-Hamirpur, U.P., Sanctioned Lease Area-12.145 Ha, M/s Yadav and Sons. File No. 4529/4429/Proposal No. SIA/UP/MIN/29521/2018

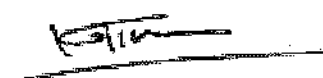
The SEIAA noted that the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions. The Secretariat informed that Project Proponent has submitted the hard copy of individual EIA and has not ^{submitted} online yet. SEIAA opined that Project Proponent should submit ^{individual EIA} individual EIA online also. SEIAA decided to take up the case after online submission of individual EIA.

Additional Agenda of SEAC 372 meeting dated 16.11.18 In compliance of Joint meeting of SEIAA/SEAC dated 14/11/2018

16. Proposed Riverbed Sand/Morrum Mining Project from Ken River of M/s Awasthi Traders at Khand No. - 29/1, Village - BakehhaKhadar, Tehsil- Maudaha, Distt-Hamirpur, Lease Area - 12.145 Ha, effective working Area 8.415 Ha, File No. 4337/Proposal No. SIA/UP/MIN/27752/2018

The SEIAA gone through the recommendation of SEAC to grant E.C. with the general and specific conditions. The SEIAA also gone through the file and noted that the case was earlier recommended by SEAC in its meeting dated 15-10-2018 for grant of EC with the comments that-

"The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting. The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled"







The SEIAA also noted that this matter was taken in its earlier meeting dated 05-11-2018 and was referred back to SEAC since it did not find it appropriate to issue E.C. in view of the above comments. In the mean time Hon'ble NGT order dated 13-11-2018 in MA no.-1622/2018 of OA no.-912/2018 that-

3- *"We are of the view that objection may be considered in the joint committee of SEIAA and SEAC in accordance with law before a decision is taken in the matter. If this objection is rejected, the reasons may be given. The applicant will be at liberty to raise this objection before the committee."*

In compliance to the said order of NGT dated 13-11-2018 a joint meeting of SEAC and SEIAA was held on 14-11-2018 in which it was decided that the SEAC will again carryout appraisal of this project on the basis of individual EIA. SEAC has again carried out appraisal in its meeting dated 16-11-2018 and has recommended to grant EC with certain general and specific conditions.

The SEIAA gone through the recommendation of SEAC dated 16-11-2018 to grant EC wherein it has mentioned that the Project proponent has submitted individual EIA and also made a presentation before SEAC.

Keeping in view of the recommendation of SEAC dated 16-11-2018 again to grant EC to the titled project, SEIAA decided to go with the recommendation of SEAC along with all the general and specific conditions as suggested by the SEAC adding one specific condition-*"Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied"*.

17. Proposed River Bed Sand Mining Project from Berwa River for M/s Sanyin Infrastructure Pvt. Ltd., at Gata No.- 864/320, 865/320, Village- Simriyar, Tehsil- Orai, District- Jalaun, Sanctioned Lease Area: 27.51 Ha. Effective Area: 18.12 Ha File No. 4103/Proposal No. SIA/UP/MIN/21915/2018

The SEIAA gone through the recommendation of SEAC to grant E.C. with the general and specific conditions. The SEIAA also gone through the file and noted that the case was earlier recommended by SEAC in its meeting dated 15-10-2018 for grant of EC with the comments that-

"The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting. The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled"

The SEIAA also noted that this matter was taken in its earlier meeting dated 05-11-2018 and was referred back to SEAC since it did not find it appropriate to issue E.C. in view of the above comments. In the mean time Hon'ble NGT ordered dated 13-11-2018 in MA no.-1622/2018 of OA no.-912/2018 that-

3-*"We are of the view that this objection may be considered in the joint committee of*







State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khandi-1, Gomti Nagar, Lucknow-226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : deuplko@yahoo.com

Website : www.seiaup.in

To,

Mohd. Asif Usmani,
S/o Mohd. Mukwil,
Owner,
A-1068/5, G.T.B., Nagar, Karail,
District- Allahabad, U.P. 211016

Ref. No. 509 /Parys/SEAC/4194/2018

Date: 24 November, 2018

Sub: Environmental Clearance for River Bed Sand/Morrum Mining Project from Yamuna River at Khand No.- 15/45 to 15/46, Village- Mahewa, Tehsil- Manjhanpur, District- Kaushambi, U.P., (Sanctioned Leased Area: 24.28 ha), for M/s Bharat Earth Movers.

Dear Sir,

Please refer to your application/letter dated 06-04-2018, 04-10-2018 & 15-10-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 16/10/2018 & 16-11-2018.

A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

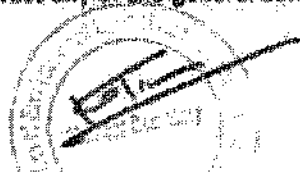
1. The environmental clearance is sought for River Bed Sand/Morrum Mining Project from Yamuna River at Khand No. 15/45 to 15/46, Village- Mahewa, Tehsil- Manjhanpur, District- Kaushambi, U.P., (Sanctioned Leased Area: 24.28 ha), for M/s Bharat Earth Movers.
2. The public hearing was organized on 24/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/23679/2018		
2. File No. allotted by SEIAA, UP	4194		
3. Name of Proponent	M/s Bharat Earth Movers Proprietor- Mohd. Asif Usmani		
4. Full correspondence address of proponent and mobile no.	M/s Bharat Earth Movers Proprietor- Mohd. Asif Usmani S/o Mohd. Mukwil Usmani R/o A-1068/5, G.T.B. Nagar, Karail, District- Allahabad, U.P.		
5. Name of Project	Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 15/45 to 15/46		
7. Name of River	Yamuna		
8. Name of Village	Mahewa		
9. Tehsil	Manjhanpur		
10. District	Kaushambi		
11. Name of Minor Mineral	Morrum		
12. Sanctioned Lease Area (in ha)	24.28 ha		
13. Mineable Area (in ha)	18.88 ha		
14. Zero level mRL	75mRL		
15. Max. & Min. mrl within lease area	78 mRL and 76 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°23'38.82"N	81° 9'33.98"E
	B	25°23'23.74"N	81° 9'42.93"E

L.C. for River Bed Sand/Medium Mining Project from Yamuna River at Khad No. 15/45 to 15/46, Village- Mahrowa, Tahsil- Manihampur, District- Kaushambi, U.P., (Sanctioned Leased Area: 24.38 ha) for M/s Bharat Earth Movers.

	C	25°23'14.89"N	81° 9'32.56"E
	D	25°23'27.06"N	81° 9'19.90"E
	Workable Area		
	A	25°23'18.82"N	81° 9'33.98"E
	E	25°23'29.36"N	81° 9'22.72"E
	F	25°23'17.29"N	81° 9'35.50"E
	B	25°23'23.74"N	81° 9'42.93"E
	Non Workable Area		
	D	25°23'27.06"N	81° 9'19.90"E
	E	25°23'29.36"N	81° 9'22.72"E
	F	25°23'17.29"N	81° 9'35.50"E
	C	25°23'14.89"N	81° 9'32.56"E
17. Total Geological Reserves	12,14,000 m ³		
18. Total Mineable Reserves in LOI	3,60,000 m ³ /year		
19. Total Proposed Production	3,60,000 m ³ /year (18,00,000 m ³ in 05 years)		
20. Proposed Production/year	3,60,000 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1909 m ³ /day		
23. Method of Mining	Open cast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 69 labours		
27. No. Of vehicles movement/day	87-units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR 26B (Rajapur- Aurwar): 1.0 km*(W)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.53	
	Suppression of dust	5.88	
	Plantation	0.061	
	Others (Stored water)	0.10	
	Total	7.45 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer			
35. Details of Lease Area in approved DSR	Page No-20; Table No. 03		
36. Proposed CER cost	2% of total project cost i.e. Rs.29,66,931/-		
37. Proposed EMP cost & Total Project Cost	Rs 24,15,529/- & 14,83,46,551/-		
38. Length and Width of Haul Road	Unpaved Length 0.48km and 6 m width		
39. No. of Trees to be Planted	182		

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.



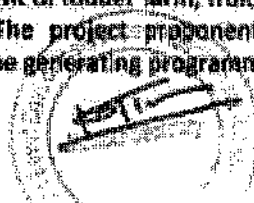
E.C. for River Bed Sand/Morrum Mining Project from Yamuna River at Khadd No. - 15/45 to 25/46, Village- Mahawa, Tehsil- Mandlaonpur, District- Kaushambi, U.P. (Sanctioned Leased Area: 24.28 ha), for M/s Bharat Earth Movers.

6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category--1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 16/10/2018 & 16/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 23/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 3,60,000 m³/year is proposed from mining lease area 24.28 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, Khadd numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Morrum will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.



**E.C. for River Bed Sand/Maroon Mining Project from Yamuna River at Khana No - 15/45 to 15/46, Village- Mahawa, Tehsil-
Mandlaonur, District- Khatwarshi, U.P. (Sanctioned Leased Area 24.78 ha) for M/s Bharat Earth Movers.**

19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-4A.II dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.



E.C. for River Bed Sand/Minium Mining Project from Yamuna River at Khair No. - 15/45 to 15/46, Village- Mahewa, Tehsil- Manhanpur, District- Kanhanpur, U.P., (Suspended Leased Area: 24.38 ha) for M/L Bharat Earth Movers.

38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied.
2. Pakkometerable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kachha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QC/NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.



E.C. for River Bed Sand/Morrum Mining Project from Yamuna River at Khond No. 15/45 to 15/46, Village- Mohawa, Tahsil- Manjhanur, District- Kausambi, U.P., (Sanctioned Leased Area: 24.26 ha), for M/s Bharat Earth Movers.

14. Provision for two-toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 29,66,931/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Kausambi, U.P.
19. Health/insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling with in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAJ and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/morrum from the river bank only.



E.C. for River Bed Sand/Morvans Mining Project from Yamuna River at Khund No. - 15/45 to 18/45, Village- Mahawa, Tehsil- Maniharnar, District- Kaushambi, U.P. (Sanctioned Lease Area: 24.25 ha). for M/s Bharat Earth Movers.

34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored (TDS, DO, pH, Fecal Coliform and Total Suspended Solids [TSS]).
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading points and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.



E.C. for River Bed Sand/Morrum Mining Project from Yamuna River at Khurd No. 15/45 to 15/46, Village- Mahawa, Tehsil- Manikpur, District- Kaushambi, U.P. (Sanctioned Leased Area: 24.28 ha), for M/s Bharat Earth Movers.

53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
54. Any appeal against this environmental clearance shall be with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along-with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.



Ref. No. /Parys/SEAC/4194/2018 Dated: As above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Kaushambi, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.

**(Ashish Tiwari)
Member Secretary, SEIAA**

15. Proposed Riverbed Morrum Mining Project from Yamuna River for M/s Bharat Earth Movers located at Khand No.- 15/45 to 15/46, Village- Mahewa, Tehsil- Manjhanpur, District- Kaushambi,U.P. Sanctioned Lease Area: 24.28 ha (60 acres) Ha, Effective workableArea:18.88 (46.65 acres), File No. 4194/Proposal No. (SIA/UP/ MIN /23679/2018)

A presentation was made by project proponent along with their consultant ENV DAS (I) Pvt. Ltd., Lucknow. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for proposed riverbed morrum mining (yamuna river) from Khand No. 15/45 to 15/46, Village - Mahewa, Tehsil - Manjhanpur, District – Kaushambi, U.P. Sanctioned area: 24.28 ha (60 acre).-
- 2- Salient features of the project:-

1. On-line proposal No.	SIA/UP/MIN/23679/2018		
2. File No. allotted by SEIAA, UP	4194		
3. Name of Proponent	M/s Bharat Earth Movers Proprietor- Mohd. Asif Usmani		
4. Full correspondence address of proponent and mobile no.	M/s Bharat Earth Movers Proprietor- Mohd. Asif Usmani S/o Mohd. Mukwil Usmani R/o A-1068/5, G.T.B. Nagar, Karaili, District- Allahabad, U.P.		
5. Name of Project	Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 15/45 to 15/46		
7. Name of River	Yamuna		
8. Name of Village	Mahewa		
9. Tehsil	Manjhanpur		
10. District	Kaushambi		
11. Name of Minor Mineral	Morrum		
12. Sanctioned Lease Area (in ha)	24.28 ha		
13. Mineable Area (in ha)	18.88 ha		
14. Zero level mRL	75mRL		
15. Max. & Min mrl within lease area	78 mRL and 76 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°23'38.82"N	81° 9'33.98"E
	B	25°23'23.74"N	81° 9'42.93"E
	C	25°23'14.89"N	81° 9'32.56"E
	D	25°23'27.06"N	81° 9'19.90"E
	Workable Area		
	A	25°23'38.82"N	81° 9'33.98"E
	E	25°23'29.36"N	81° 9'22.72"E
	F	25°23'17.29"N	81° 9'35.50"E

	B	25°23'23.74"N	81° 9'42.93"E
17. Total Geological Reserves	12,14,000 m ³		
18. Total Mineable Reserves in LOI	3,60,000 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	3,60,000 m ³ /year (18,00,000 m ³ in 05 years)		
20. Proposed Production/year	3,60,000 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1309 m ³ /day		
23. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none"> • Scraper/light earth movers • Chain based Bulldozer for rescue & salvage • Loader • Truck & tractors for transportation 		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	145units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR 26B (Rajapur- Aruwara): 1.0 km*(W)		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking	0.52	
	Suppression of dust	10.8	
	Plantation	0.06	
	Others (if any)	-	
	Total		11.38 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project comes under B1 category, cluster Certificate is not required.		
35. Details of Lease Area in approved DSR	Page No 20; Table No. 03		
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,06,452.5/-		
37. Proposed EMP cost & Total Project Cost	Rs. 22,20,400/- & Rs. 1,41,00,000/-		
38. Length and Width of Haul Road	900 m Length and 6 m width		
39. No. of Trees to be Planted	121		

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2005.

- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-15

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.

16. Sand Mining Project at Sharda River Bed, Gata No.- 183 A, Village- Sarvashivpuri, Tehsil- Lakhimpur, District- Kheri, U.P, Lease Area: 13.06 ha, File No. 4195/Proposal No. (SIA/UP/ MIN /23804/2018)

A presentation was made by project proponent along with their consultant M/s geogreen enviro house pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Sand Mining Project at Sharda River Bed, Gata No.- 183 A, Village- Sarvashivpuri, Tehsil- Lakhimpur, District- Kheri, U.P, Lease Area: 13.06 ha.
- 2- Salient features of the project:-

1.	On Line Proposal No.	SEIA/UP/MIN/23804/2018		
2.	File No. Allotted By SEIAA, UP	4195		
3.	Name Of Proponent	Shri Ram Chandra Gupta , S/o Shri Nokhey Lal Gupta		
4.	Full Correspondence Address Of Proponent And Mobile Number	R/o- 3/1733, Jankipuram Vistar, Sitapur Road, Lucknow, Uttar Pradesh		
5.	Name Of Project	Sand Mining		
6.	Project Location (Plot/Khasra/Gata No.)	Gata – 183 A		
7.	Name Of River	Sharda		
8.	Name Of Village	Sarvashivpuri		
9.	Tehsil	Lakhimpur		
10.	District	Khiri		
11.	Name Of Minor Mineral	Sand		
12.	Sanctioned Lease Area In Ha	13.06		
13.	Mineable Area In Ha	11.754		
14.	Zero Level Mrl	135.5		
15.	Max. & Min MRL Within Lease Area	Max- 141.0 ; Min- 139.0 mrl		
16.	Pillar Coordinates (Verified By DMO)	Point	Latitude	Longitude
		A	27° 7' 24.540'' N	80° 51' 3.535''E
		B	27° 6' 49'' N	80° 51' 30''E
		C	28° 7'20.29"N	80°50'58.34"E
		D	28° 7'24.05"N	80°50'52.24"E
17.	Total Geological Reserve	391800.0 cubic meter		

Annexure-3

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
- ~~2. Certificate from Mining Officer that there is no other mining area exit within 500m periphery.~~
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and

- NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
 21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the project should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be

- charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby
 37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out. 15-
 43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vincent Khadd-1, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : docuplho@yahoo.com

Website : www.seiaup.in

Uploaded on
www.seiaup.in

To,

Mohd. Asif Usmani,
S/o Mohd. Mukwil Usmani,
Owner,
A-1068/5, GTB Nagar, Karaili,
District- Allahabad, U.P.- 211016

Ref. No. 165 /Parya/SEAC/4194/2018

Date: 27 June, 2018

Sub: Terms of reference for proposed riverbed morrum mining (yamuna river) from Khand No. 15/45 to 15/46, Village - Mahewa, Tehsil - Manjhanpur, District - Kaushambi, U.P. Sanctioned area: 24.28 ha (60 acre).

Dear Sir,

Please refer to your application dated 07-04-2018 & 13-04-2018 addressed to the Secretary SEAC/Director, Directorate of Environment, U.P. on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 01-05-2018 and SEIAA in its meeting dated 15-05-2018.

A presentation was made by project proponent along with their consultant ENV DAS (I) Pvt. Ltd., Lucknow. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1- The environmental clearance is sought for proposed riverbed morrum mining (yamuna river) from Khand No. 15/45 to 15/46, Village - Mahewa, Tehsil - Manjhanpur, District - Kaushambi, U.P. Sanctioned area: 24.28 ha (60 acre).

2- Salient features of the project:-

1. On-line proposal No.	SIA/UP/MIN/23679/2018
2. File No. allotted by SEIAA, UP	4194
3. Name of Proponent	M/s Bharat Earth Movers Proprietor- Mohd. Asif Usmani
4. Full correspondence address of proponent and mobile no.	M/s Bharat Earth Movers Proprietor- Mohd. Asif Usmani S/o Mohd. Mukwil Usmani R/o A-1068/5, G.T.B. Nagar, Karaili, District- Allahabad, U.P.
5. Name of Project	Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 15/45 to 15/46
7. Name of River	Yamuna
8. Name of Village	Mahewa
9. Tehsil	Manjhanpur
10. District	Kaushambi
11. Name of Minor Mineral	Morrum
12. Sanctioned Lease Area (in ha)	24.28 ha
13. Mineable Area (in ha)	18.88 ha

TOR for proposed open cast iron ore mine (open cast) from Khurd No. 15/45 to 15/46, Village - Mahewa, Tehsil - Manthasar, District - Keushambi, U.P. Sanctioned area: 14.38 ha (60 acre).

14. Zero level mRL	75mRL		
15. Max. & Min mrl within lease area	78 mRL and 76 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°23'38.82"N	81° 9'33.98"E
	B	25°23'23.74"N	81° 9'42.93"E
	C	25°23'14.89"N	81° 9'32.56"E
	D	25°23'27.06"N	81° 9'19.90"E
	Workable Area		
	A	25°23'38.82"N	81° 9'33.98"E
	E	25°23'29.36"N	81° 9'22.72"E
F	25°23'17.29"N	81° 9'35.50"E	
G	25°23'23.74"N	81° 9'42.93"E	
17. Total Geological Reserves	12,14,000 m ³		
18. Total Mineable Reserves in LOI	3,60,000 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	3,60,000 m ³ /year (18,00,000 m ³ in 05 years)		
20. Proposed Production/year	3,60,000 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1309 m ³ /day		
23. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none"> • Scraper/light earth movers • Chain based Bulldozer for rescue & salvage • Loader • Truck & tractors for transportation 		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	145units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR 26B (Rajapur- Arunwara): 1.0 km*(W)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	10.8	
	Plantation	0.06	
	Others (if any)	-	
Total	11.38 KLD		
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project	None		

TOR for proposed riverbed morum mining (varamna river) from khanda No. 15/45 to 15/46, Village - Mahurwa, Tehsil - Maothapur, District - Kaushambi, U.P. Sanctioned area: 24.28 ha (60 acre).

or land in any court	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project comes under B1 category, cluster Certificate is not required.
35. Details of Lease Area in approved DSR	Page No 20; Table No. 03
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,06,452.5/-
37. Proposed EMP cost & Total Project Cost	Rs. 22,20,400/- & Rs. 1,41,00,000/-
38. Length and Width of Haul Road	900 m Length and 6 m width
39. No. of Trees to be Planted	121

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA:

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief

Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.

14. A detailed biological study for the study area (core zone and buffer zone (10 km radius of the periphery of the mine lease)) shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{10} , $PM_{2.5}$, SO_2 and NO_2), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the predominant downwind direction. The mineralogical composition of PM_{10} particularly for free silica should be given.
21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
24. Details of water conservation measures proposed to be adopted in the project should be given.
25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.

27. Details of first order stream, if any passing through lease area and modification/diversion proposed, if any and the impact of the same on the hydrology should be brought out.
28. Details of rainwater harvesting proposed, if any, in the project should be provided.
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31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
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41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out. 15-
43. Present position of distances of railway lines, National Highway including culverts and

TOB for proposed diesel motor mining (open cast) from Khand No. 15/45 to 15/46, Village - Mahwa, Tehsil -
Mandhampur, District - Kaushambi, U.P. Sanctioned area: 24.28 ha (60 acre).

bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.

44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.


This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

No /Parva/SEAC/4194/2018 Dated: As above

Copy with enclosure for information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indra Paryaveeran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate, Kaushambi.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryaveeran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Director, Geology and Mining, Govt. of U.P.
7. Copy to Web Master/ guard file.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

Minutes of the 208th Meeting of the SEIAA held on 15/05/2018

conditions as suggested by the SEAC but the SEIAA replaces the specific conditions no-2 of annexure-2 as "If in future during the progressive mining this lease area becomes part of cluster i.e. area equal to or more than 25 ha., limited to B-1 category, then additional conditions based on the EIA conducted by the concerned lease holders shall be imposed and joint EMP shall be implemented. The lease holder shall mandatorily follow all the imposed conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per the law shall be initiated against the authority issuing the cluster certificate.

14. Ralpur Ordinary Sand Mine at Khasra No.- 1436/22 and 1437 Khand No.- 02, Village- Ralpur, Tehsil- Lalganj, District- Raebareli, (Leased Area-8.49 Ha) Shri Shiv Bhawan Singh, File No. 4055/Proposal No. (SIA/UP/ MIN /72832/2018)

The SEIAA agreed with the recommendation of the SEAC to include the gata number 1437. Hence, in E.C. letter no- 278/Parya/SEAC/4055/2018 dated 31-03-2018 the address should be read as Khasra No.- 1436/22 and 1437 Khand No.- 02, Village- Ralpur, Tehsil- Lalganj, District- Raebareli, (Leased Area-8.49 Ha) All the other content mentioned in the E.C. letter shall remain unchanged.

15. Proposed Riverbed Morrum Mining Project from Yamuna River for M/s Bharat Earth Movers located at Khand No.- 15/45 to 15/46, Village- Mahewa, Tehsil- Manjhanpur, District- Kaushambi, U.P. Sanctioned Lease Area: 24.28 ha (60 acres) Ha, Effective workable Area: 18.88 (46.65 acres), File No. 4194/Proposal No. (SIA/UP/ MIN /23679/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

16. Sand Mining Project at Sherda River Bed, Gata No.- 183 A, Village- Sarvashivpuri, Tehsil- Lakhimpur, District- Kheri, U.P., Lease Area: 13.06 ha, File No. 4195/Proposal No. (SIA/UP/ MIN /23804/2018)

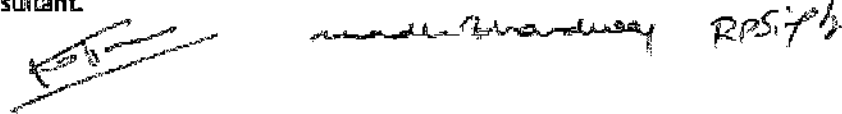
The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

17. Area: 50.0 Acres (20.242 Ha), Effective workable Area: 49.41 Acres (20.005 Ha) For River Sand/Morrum Mining Project at Khand No.- 03, Gata No.- 2558, 2559, Village- Bandhauri, Tehsil- Orai, District- Jalaun, M/s Khajuraho Motors Pvt.Ltd., Lease Area: 20.242 Ha, File No. 4196/Proposal No. (SIA/UP/ MIN /23808/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

18. Proposed Sand/Morrum Mining Project in Yamuna River at Khand No.- A-11 (Gata No.- 250 MI, 249, 239 MI, 240 MI, 241 MI, 227 MI, 229 MI, 219 MI, 212 MI, 220 MI, 225, 222, 221, 224, 223, 226, 244, 245, 242, Part of 252, 253, 256, Part of 251, 243, 246, 248, 247), Village- Adhawal, Tehsil- Fatehpur, District- Fatehpur, M/s Classic Infraventures Lease Area: 40.48 Ha, File No. 4197/Proposal No. (SIA/UP/ MIN /23807/2018)

The SEIAA agreed with the recommendations of the SEAC to defer due to non validity of QCI consultant.

The block contains two handwritten signatures. The first signature is on the left, and the second signature is on the right, appearing to be 'RPS' with a flourish.

- 10- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methc ds extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 29,81,781/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Kaushambi, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

11. Proposed River Bed Sand/Morrum Mining Project from Yamuna River for M/s Bharat Earth Movers, located at Khand No.- 15/45 to 15/46, Village- Mahewa, Tehsil- Manjhanpur, District- Kaushambi, U.P., Sanctioned Lease Area: 24.28 ha (60 Acre), Effective Area- 18.88 ha File No. 4194/Proposal No. SIA/UP/MIN/23679/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand/Morrum Mining Project from Yamuna River at Khand No.- 15/45 to 15/46, Village- Mahewa, Tehsil- Manjhanpur, District- Kaushambi, U.P., (Sanctioned Leased Area: 24.28 ha), for M/s Bharat Earth Movers.
2. The public hearing was organized on 24/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/23679/2018		
2. File No. allotted by SEIAA, UP	4194		
3. Name of Proponent	M/s. Bharat Earth Movers Proprietor- Mohd. Asif Usmani		
4. Full correspondence address of proponent and mobile no.	M/s Bharat Earth Movers Proprietor- Mohd. Asif Usmani S/o Mohd. Mukwil Usmani R/o A-1068/5, G.T.B. Nagar, Karaili, District- Allahabad, U.P.		
5. Name of Project	Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 15/45 to 15/46		
7. Name of River	Yamuna		
8. Name of Village	Mahewa		
9. Tehsil	Manjhanpur		
10. District	Kaushambi		
11. Name of Minor Mineral	Morrum		
12. Sanctioned Lease Area (in ha)	24.28 ha		
13. Mineable Area (in ha)	18.88 ha		
14. Zero level mRL	75mRL		
15. Max. & Min mrl within lease area	78 mRL and 76 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°23'38.82"N	81° 9'33.98"E
	B	25°23'23.74"N	81° 9'42.93"E
	C	25°23'14.89"N	81° 9'32.56"E
	D	25°23'27.06"N	81° 9'19.90"E
	Workable Area		
	A	25°23'38.82"N	81° 9'33.98"E
	E	25°23'29.36"N	81° 9'22.72"E
	F	25°23'17.29"N	81° 9'35.50"E
	B	25°23'23.74"N	81° 9'42.93"E
	Non Workable Area		
	D	25°23'27.06"N	81° 9'19.90"E
	E	25°23'29.36"N	81° 9'22.72"E
F	25°23'17.29"N	81° 9'35.50"E	
C	25°23'14.89"N	81° 9'32.56"E	
17. Total Geological Reserves	2,14,000 m ³		
18. Total Mineable Reserves in LOI	3,60,000 m ³ /year		
19. Total Proposed Production	3,60,000 m ³ /year (18,00,000 m ³ in 05 years)		
20. Proposed Production/year	3,60,000 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1309 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 69 labours		
27. No. Of vehicles movement/day	87 units		

28. Type of Land	Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	MDR 26B (Rajapur- Aruwara): 1.0 km ⁺ (W)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	1.53
	Suppression of dust	5.88
	Plantation	0.061
	Others (Stored water)	0.10
	Total	7.45 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	BLANK	
35. Details of Lease Area in approved DSR	Page No 20; Table No. 03	
36. Proposed CER cost	2% of total project cost i.e. Rs.29,66,931/-	
37. Proposed EMP cost & Total Project Cost	Rs 24,15,529/- & 14,83,46,551/-	
38. Length and Width of Haul Road	Unpaved Length 0.48km and 6 m width	
39. No. of Trees to be Planted	182	

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-I(a) of EIA Notification, 2006 (as amended).

The project proponent also informed that as per EIA Notification 14th September, 2006, online submission of EIA report for appraisal after public hearing is next stage in the process of grant of environmental clearance. We are unable to submit our complete EIA report which is of approx. 85 MB on the MoEF&CC portal due to restriction of 20 MB file size. Hence, they are submitting only EMP of the project, minutes of public hearing, risk assessment document which constitute the main domain of an EIA report.

RESOLUTION AGAINST AGENDA NO-11

The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled.

The recommendation of EC will be subjected to general/ specific conditions as annexed at annexure 1 & 2 to these minutes. The committee also stipulated following specific conditions:

- 1- Pakka motorable haul road to be maintained by the project proponent.

- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 29,66,931/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Kaushambi, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to conceru Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Sbnmit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

Annexure-1

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM
MINING PROPOSALS**

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can

- form a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.

36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha, then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.

15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

7. Proposed River Bed Sand/Morrum Mining Project from Yamuna River for M/s Bharat Earth Movers, located at Khand No.- 15/45 to 15/46, Village- Mahewa, Tehsil- Manihannur, District- Kaushambi, U.P., Sanctioned Lease Area: 24.28 ha (60 Acre), Effective Area- 18.88 ha File No. 4194/Proposal No. SIA/UP/MIN/23679/2018

The SEIAA gone through the recommendation of SEAC to grant E.C. with the general and specific conditions. The SEIAA also gone through the file and noted that the case was earlier recommended by SEAC in its meeting dated 16-10-2018 for grant of EC with the comments that-

"The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting. The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled"


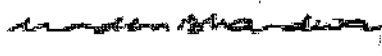
The SEIAA also noted that this matter was taken in its earlier meeting dated 06-11-2018 and was referred back to SEAC since it did not find it appropriate to issue E.C. in view of the above comments. In the mean time Hon'ble NGT ordered dated 13-11-2018 in MA no.- 1622/2018 of OA no.-912/2018 that-

3- "We are of the view that this objection may be considered in the joint committee of SEIAA and SEAC in accordance with law before a decision is taken in the matter. If this objection is rejected, the reasons may be given. The applicant will be at liberty to raise this objection before the committee."

In compliance to the said order of NGT dated 13-11-2018 a joint meeting of SEAC and SEIAA was held on 14-11-2018 in which it was decided that the SEAC will again carryout appraisal of this project on the basis of individual EIA. SEAC has again carried out appraisal in its meeting dated 16-11-2018 and has recommended to grant EC with certain general and specific conditions.

The SEIAA gone through the recommendation of SEAC dated 16-11-2018 to grant EC wherein it has mentioned that the Project proponent has submitted individual EIA and also made a presentation before SEAC.

Keeping in view of the recommendation of SEAC dated 16-11-2018 again to grant EC to the titled project, SEIAA decided to go with the recommendation of SEAC along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied".



State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vinod Khand-1, Gomti Nagar, Lucknow-226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : doeup16@yahoo.com

Website : www.seiaup.in

To,

Mohd. Asif Usmani,
S/o Mohd. Mukwil,
Owner,
A-1068/5, G.T.B., Nagar, Karahi,
District- Allahabad, U.P. 211016

Ref. No. SP.9 /Parya/SEAC/4194/2018

Date: 24 November, 2018

Sub: Environmental Clearance for River Bed Sand/Morrum Mining Project from Yamuna River at Khand No- 15/45 to 15/46, Village- Mahewa, Tehsil- Manjhanpur, District- Kaushambi, U.P., (Sanctioned Leased Area: 24.28 ha), for M/s Bharat Earth Movers.

Dear Sir,

Please refer to your application/letter dated 06-04-2018, 04-10-2018 & 15-10-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 16/10/2018 & 16-11-2018.

A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

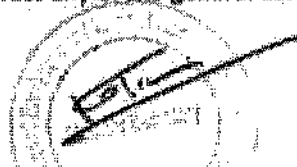
1. The environmental clearance is sought for River Bed Sand/Morrum Mining Project from Yamuna River at Khand No- 15/45 to 15/46, Village- Mahewa, Tehsil- Manjhanpur, District- Kaushambi, U.P., (Sanctioned Leased Area: 24.28 ha), for M/s Bharat Earth Movers.
2. The public hearing was organized on 24/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/23679/2018		
2. File No. allotted by SEIAA, UP	4194		
3. Name of Proponent.	M/s Bharat Earth Movers Proprietor- Mohd. Asif Usmani		
4. Full correspondence address of proponent and mobile no.	M/s Bharat Earth Movers Proprietor- Mohd. Asif Usmani S/o Mohd. Mukwil Usmani R/o A-1068/5, G.T.B. Nagar, Karahi, District- Allahabad, U.P.		
5. Name of Project	Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 15/45 to 15/46		
7. Name of River	Yamuna		
8. Name of Village	Mahewa		
9. Tehsil	Manjhanpur		
10. District	Kaushambi		
11. Name of Minor Mineral	Morrum		
12. Sanctioned Lease Area (in ha)	24.28 ha		
13. Mineable Area (in ha)	18.88 ha		
14. Zero level mRL	75mRL		
15. Max. & Min mrl within lease area	78 mRL and 76 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°23'38.82"N	81° 9'33.98"E
	B	25°23'23.74"N	81° 9'42.93"E

E.C. for River Bed Sand/Monument Mining Project from Yamuna River at Khad No. 15/45 to 15/46, Villages: Mahewa, Tahsil-
Mandla, District: Raebareilly, U.P. (Sanctioned Leased Area: 24.28 ha), for M/s Bharat Earth Movers.

	C	25°23'14.89"N	81° 9'32.56"E
	D	25°23'27.06"N	81° 9'19.90"E
Workable Area			
	A	25°23'38.82"N	81° 9'33.98"E
	E	25°23'29.36"N	81° 9'22.72"E
	F	25°23'17.29"N	81° 9'35.50"E
	B	25°23'23.74"N	81° 9'42.93"E
Non Workable Area			
	D	25°23'27.06"N	81° 9'19.90"E
	E	25°23'29.36"N	81° 9'22.72"E
	F	25°23'17.29"N	81° 9'35.50"E
	C	25°23'14.89"N	81° 9'32.56"E
17. Total Geological Reserves	12,14,000 m ³		
18. Total Mineable Reserves in LOI	3,60,000 m ³ /year		
19. Total Proposed Production	3,60,000 m ³ /year (18,00,000 m ³ in 05 years)		
20. Proposed Production/year	3,60,000 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1309 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 69 labours		
27. No. Of vehicles movement/day	87 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR 26B (Rajapur- Aruara): 1.0 km* (NW)		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		1.53
	Suppression of dust		5.88
	Plantation		0.061
	Others (Stored water)		0.10
	Total		7.45 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0076 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court.	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer			
35. Details of Lease Area in approved DSR	Page No 20; Table No. 03		
36. Proposed CER cost	2% of total project cost i.e. Rs.29,66,931/-		
37. Proposed EMP cost & Total Project Cost	Rs 24,15,529/- & 14,83,46,551/-		
38. Length and Width of Haul Road	Unpaved Length 0.48km and 6 m width		
39. No. of Trees to be Planted	182		

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.



E.C. for River Bed Sand/Morram Mining Project from Yamuna River at Khand No. 18/45 to 18/48, Village: Mahawa, Tehsil: Manthanour, District: Kaushambi, U.P. (Sanctioned Leased Area: 24.28 ha) for M/s Bharat Earth Movers.

6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 16/10/2018 & 16/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 23/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 3,60,000 m³/year is proposed from mining lease area 24.28 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue Department prior to starting of mining operations. Such site plan, duly verified by competent authority along with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Morram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.



E.C. for River Bed Sand/Mercury Mining Project from Yamuna River at Khond No. - 15/45 to 48/46, Village - Mahawa, Tehsil - Mandla, District - Mandla, U.P. (Sanctioned Leased Area: 24.28 ha. for M/s Bharat Earth Movers.

19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisad/Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA,II dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.



I.C. for River Bed Sand/Monsoon Mining Project from Yamuna River at Khurd No. 15/43 to 15/46, Village- Mahawa, Tehsil- Mandhaur, District- Kaushambi, U.P., (Sanctioned Leased Area: 24.28 ha), for M/s Bharat Earth Movers.

38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MOEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied.
2. Pakkamtorable heel road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
12. Indigancous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QC-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.



E.C. for Bar Bed Sand/Morram Mines Project from Yamuna River at Khad No.- 15/95 to 15/96, Village- Mahawa, Tehsil- Manjhanpur, District- Kaushambi, U.P., (Seasonal Leased Area: 24.28 ha), for M/s Bharat Earth Movers.

14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 29,66,931/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-85/2017-IA,II dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Kaushambi, U.P.
19. Health/insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 5 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHA and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C. issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for mid-term review of conditions of Environmental Clearance.
32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/morram from the river bank only.



E.C. for River Bed Sand/Morrum Mining Project from Yamuna River at Khand No.- 15/45 to 16/45, Village- Mahaus, Tehsil- Manihampur, District- Kaushambi, U.P., (Sanctioned Leased Area: 24.28 ha). for M/s Bharat Earth Movers.

34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPCCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiasup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.



E.C. for River Bed Sand/Morrum Mining Project from Yamuna River at Chand No. 15/48 to 15/46, Village- Mahawa, Tehsil- Manikpur, District- Kaushambi, U.P. (Sanctioned Leased Area: 24.18 ha) for M/s Bharat Earth Movers.

53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1593(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.



Ref. No. /Parva/SEAC/6194/2018 Dated: As above
Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Allaganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Allaganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khend, Gomti Nagar, Lucknow.
5. District Magistrate, Kaushambi, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.

(Ashish Tiwari)
Member Secretary, SEIAA

Minutes of 328th SEAC Meeting Date 04/04/2018

15. Proposed River Bed Sand/Morrum Mining from Yamuna River for M/s Rajesh Enterprises located at Khand No.- 15/43 to 15/44, Village- Mahewa, Tehsil- Manjhanpur, District- Kaushambi, U.P., Sanctioned Lease Area: 59.99 acre(24.28 ha), File No. 4164/Proposal No. (SIA/UP/ MIN/22706/2018)

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining from Yamuna River at Khand No.- 15/43 to 15/44, Village- Mahewa, Tehsil- Manjhanpur, District- Kaushambi, U.P., (Leased Area: 59.99 acre (24.28 ha).
- 2- Salient features of the project is as follows

1. On-line proposal No.	SIA/UP/MIN/22706/2018		
2. File No. allotted by SEIAA, UP	4164		
3. Name of Proponent	Shri Rajesh Kushwaha		
4. Full correspondence address of proponent and mobile no.	M/S RAJESH ENTERPRISES, Proprietor: Shri Rajesh Kushwaha S/o Late Shri Mahadev Prasad. R/o-20/17 Rasoolpur, District- Allahabad, (U.P)		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 15/43 to 15/44		
7. Name of River	Yamuna		
8. Name of Village	Mahewa		
9. Tehsil	Manjhanpur		
10. District	Kaushambi		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	24.28ha		
13. Mineable Area (in ha)	24.28 ha		
14. Zero level mRL	76 mRL		
15. Max. & Min mrl within lease area	86 mRL and 76 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°23'23.81"N	81° 9'43.01"E
	B	25°23'9.60"N	81° 9'58.67"E
	C	25°23'1.07"N	81° 9'49.20"E
D	25°23'14.03"N	81° 9'32.05"E	
17. Total Geological Reserves	24 28,000 m ³		
18. Total Mineable Reserves in LOI	3,60,000 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	3,60,000 m ³ /year (18,00,000 m ³ in 05 years)		
20. Proposed Production/year	3,60,000 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1309.1 (say 1310) m ³ /day		
23. Method of Mining	Bar Scalping or Skimming method (Semi		

	mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none"> • Scraper/light earth movers • Chain based Bulldozer for rescue & salvage • Loader • Truck & tractors for transportation 	
24. No. of working days	275 days	
25. Working hours/day	12 hours	
26. No. Of workers	Approximately 75 labours	
27. No. Of vehicles movement/day	145 units	
28. Type of Land	Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	SH 94 (Suratganj-rajapur) -0.90 km* (NW)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.75
	Suppression of dust	8.28
	Plantation	0.06
	Others (if any)	-
	Total	9.09 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project comes under B1 category, cluster Certificate is not required	
35. Details of Lease Area in approved DSR	Page No 20, Sl. No. 107	
36. Proposed CSR cost	5% of total project cost i.e. Rs. 8,18,810/-	
37. Proposed EMP cost & Total Project Cost	Rs. 34,70,800/- & Rs. 1,63,76,200/-	
38. Length and Width of Haul Road	880 m Length and 6 m width	
39. No. of Trees to be Planted	120	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) and is in cluster situation as per EIA Notification, 2006 (as amended).

Resolution against agenda no-15

The committee discussed the matter in the light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so

- collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
 21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the project should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.

36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vinay Khand-i, Gomti Nagar, Lucknow - 226 810

Phone: 91-522-2300 541, Fax: 91-522-2300 543

E-mail: doruplko@yahoo.com

Website : www.seiaaup.in

To,

Shri Rajesh Kushwaha,
S/o Late Shri Mahadev Prasad,
Owner,
R/o- 20/17, Rasoolpur,
District- Allahabad, U.P.

Ref. No. 39 /Parya/SEAC/4164/2018
Proposal no- SIA/UP/MIN/22706/2018

Date: 25 April, 2018

Sub: Terms of reference for Proposed River Bed Sand/Morrum Mining from Yamuna River at Khand No.- 15/43 to 15/44, Village- Mahewa, Tehsil- Manjhanpur, District- Kaushambi, U.P., (Leased Area: 59.99 acre (24.28 ha).

Dear Sir,

Please refer to your application dated 27-03-2018 addressed to the Secretary SEAC/Director, Directorate of Environment, U.P. on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 04/04/2018.

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining from Yamuna River at Khand No.- 15/43 to 15/44, Village- Mahewa, Tehsil- Manjhanpur, District- Kaushambi, U.P., (Leased Area: 59.99 acre (24.28 ha).
- 2- Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/22706/2018
2. File No. allotted by SEIAA, UP	4164
3. Name of Proponent	Shri Rajesh Kushwaha
4. Full correspondence address of proponent and mobile no.	M/S RAJESH ENTERPRISES Proprietor: Shri Rajesh Kushwaha S/o Late Shri Mahadev Prasad. R/o-20/17 Rasoolpur, District- Allahabad, (U.P)
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 15/43 to 15/44
7. Name of River	Yamuna
8. Name of Village	Mahewa
9. Tehsil	Manjhanpur
10. District	Kaushambi
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	24.28ha
13. Mineable Area (In ha)	24.28 ha
14. Zero level mRL	76 mRL

TOR for Proposed River Bed Sand/Morrum Mining from Yamuna River at Khurd No.- 15/43 to 15/44, Village- Mahawa, Tehsil- Manhanpur, District- Kaushambi, U.P., (Leased Area: 59.99 acre (24.28 ha)).

15. Max. & Min mrl within lease area	86 mRL and 76 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°23'23.81"N	81° 9'43.01"E
	B	25°23'9.60"N	81° 9'58.67"E
	C	25°23'1.07"N	81° 9'49.20"E
	D	25°23'14.03"N	81° 9'32.05"E
17. Total Geological Reserves	24,28,000 m ³		
18. Total Mineable Reserves in LOI	3,60,000 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	3,60,000 m ³ /year (18,00,000 m ³ in 05 years)		
20. Proposed Production/year	3,60,000 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1309.1 (say 1310) m ³ /day		
23. Method of Mining	<p>Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using:</p> <ul style="list-style-type: none"> • Scraper/light earth movers • Chain based Bulldozer for rescue & salvage • Loader • Truck & tractors for transportation 		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 75 labours		
27. No. Of vehicles movement/day	145 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 94 (Suratganj-rajapur) -0.90 km* (NW)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.75	
	Suppression of dust	8.28	
	Plantation	0.06	
	Others (if any)	-	
	Total	9.09 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project comes under B1 category, cluster Certificate is not required.		
35. Details of Lease Area in approved DSR	Page No 20; Sl. No. 107		
36. Proposed CSR cost	5% of total project cost i.e. Rs. 8,18,810/-		
37. Proposed EMP cost & Total Project Cost	Rs. 34,70,800/- & Rs. 1,53,76,200/-		
38. Length and Width of Haul Road	880 m Length and 6 m width		

39. No. of Trees to be Planted	120
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- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) and is in cluster situation as per EIA Notification, 2006 (as amended).

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA:

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exist within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
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fauna present.

15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
24. Details of water conservation measures proposed to be adopted in the project should be given.
25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
28. Details of rainwater harvesting proposed, if any, in the project should be provided.
29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
30. Quantity of solid waste generated to be estimated and details for its disposal and

management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).

31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
41. Details of litigation pending against the project, if any, with direction / order passed by any Court of law against the project should be given.
42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
45. The company will have a well laid down Environment Policy approved by its Board of

TOR for Proposed River Bed Sand/Morium Mining from Yamuna River at Khand No.- 15/43 to 15/44, Village- Mahawa, Tehsil- Manhanpur, District- Kaushambi, U.P., (Leased Area: 59.89 acre (24.28 ha)).

Directors and it may be detailed in EIA report.

46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.


This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

No. /Parva/SEAC/4164/2018 Dated: As above

Copy with enclosure for information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate, Kaushambi.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Director, Geology and Mining, Govt. of U.P.
7. Copy to Web Master/ guard file.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

Minutes of the 202nd Meeting of the SEIAA held on 05/04/2018

- 11. Proposed River Bed Sand/Morrum Mining from Yamuna River for M/s Harihar Minerals LLP located at Khand no. K-2, Gata no. 389Mi, 390Mi, Village- Khrka Teshil- Bhoznipur, District-Kanpur Dehat. Lease area 18.33 ha. Sri Ramaavatar Singh, S/o Shri Tejram Singh, File No. 4160/Proposal No. (SIA/UP/ MIN/22656/2018)**

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

- 12. Nirbari Kachhar Ordinary Sand Mine on Yamuna River at Gata No.- 15Mi, Village- Nirbari Kachhar, Tehsil- Sikandara District: Kanpur Dehat, Lease area-16.58 ha. M/s Parth Construction & Supplier, File No. 4161/Proposal No. (SIA/UP/ MIN/22657/2018)**

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

- 13. Devri Sand Mine on Dhasan River located at Gata No 381/10, 332/1, Village - Devri, Tehsil- Garautha, District.- Jhansi , U.P., M/s R.S.I. Stone World Pvt. Ltd., (Leased Area-21.044 Ha), File No. 3999/4162/Proposal No. (SIA/UP/ MIN/72294/2018)**

The SEIAA noted that "An Environmental clearance has been granted with vide letter no. 162/Parya/SEAC/3999/2017 dated 12/02/2018 as per the earlier proposed transport route which was passing through agriculture land mostly and also forest patches since no road was available connecting to site and thus was not viable. The new evacuation route has been proposed which is passing through villages Bilgaon, Dhurouli and Magrauth and finally meets SH-21. Also a temporary bridge needs to be constructed over the stream without hindering the flow of the channel. The laying of the bridge will be taken up in consultation with the Irrigation Department."

SEIAA is of the opinion that the project proponent should be called for presentation alongwith the map and other details of the evacuation route i.e., type of road, width of the road, distance from village population etc. and temporary bridge i.e. its location, type of bridge, brief design, time required for its construction, NOC/permission of Irrigation Department etc.

- 14. Area- 40.00 Acre (16.194 ha) for River Sand/Morrum Mining Project at Gata No.- 267, 268 , Khand No.- 03,Village- Kyotra, Tehsil- Kalpi, District- Jalaun, U.P., M/s Suresh Chandra Gupta (Leased Area-16.194 Ha), File No. 4163/Proposal No. (SIA/UP/ MIN/22691/2018)**


The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

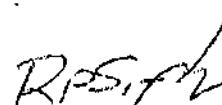
- 15. Proposed River Bed Sand/Morrum Mining from Yamuna River for M/s Raiesh Enterprises located at Khand No.- 15/43 to 15/44, Village- Mahewa, Tehsil- Manjhanpur, District- Kaushambi, U.P., Sanctioned Lease Area: 59.99 acre(24.28 ha), File No. 4164/Proposal No. (SIA/UP/ MIN/22706/2018)**

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

- 16. Proposed River Bed Sand/Morrum Mining from Yamuna River for M/s Jai Bajarang Traders located at Khand No.- 11/05 to 11/06I, Village- Diya Uparhar, Tehsil- Manjhanpur, District- Kaushambi, U.P., Lease Area: 24.28 ha (59.97 acre), File No. 4165/Proposal No. (SIA/UP/ MIN/22709/2018)**

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

 Naresh Bhardwaj

 RPS

- 10- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 18,95,095/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

10. Proposed River Bed Sand Mining Project from Yamuna River for M/s Rajesh Enterprises located at Khand No.- 15/43 to 15/44, Village- Mahewa, Tehsil- Manjhanpur, Distt-Kaushambi, U.P., Sanctioned Lease Area: (24.28 ha) File No. 164/Proposal No.SIA/UP/MIN/22706/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand Mining Project from Yamuna River at Khand No.- 15/43 to 15/44, Village- Mahewa, Tehsil- Manjhanpur, Distt-Kaushambi, U.P., Sanctioned Lease Area: (24.28 ha), M/s Rajesh Enterprises.
2. The public hearing was organized on 24/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/22706/2018		
2. File No. allotted by SEIAA, UP	-164		
3. Name of Proponent	M/s Rajesh Enterprises Proprietor: Shri Rajesh Kushwaha		
4. Full correspondence address of proponent and mobile no.	M/s Rajesh Enterprises Proprietor: Shri Rajesh Kushwaha S/o Late Shri Mahadev Prasad. R/o-20/17 Rasoolpur, District-Allahabad,(U.P)		
5. Name of Project	Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 15/43 to 15/44		
7. Name of River	Yamuna		
8. Name of Village	Mahewa		
9. Tehsil	Manjhanpur		
10. District	Kaushambi		
11. Name of Minor Mineral	Morrum		
12. Sanctioned Lease Area (in ha)	24.28ha		
13. Mineable Area (in ha)	24.28 ha		
14. Zero level mRL	75 mRL		
15. Max. & Min mrl within lease area	86 mRL and 76 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°23'23.81"N	81° 9'43.01"E
	B	25°23'9.60"N	81° 9'58.67"E
	C	25°23'1.07"N	81° 9'49.20"E
	D	25°23'14.03"N	81° 9'32.05"E
17. Total Geological Reserves	24,28,000 m ³		
18. Total Mineable Reserves in LOI	3,60,000 m ³ /year		
19. Total Proposed Production	3,60,000 m ³ /year (18,00,000 m ³ in 05 years)		
20. Proposed Production/year	3,60,000 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1309.1 (say 1310) m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	75 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 69 labours		
27. No. Of vehicles movement/day	87 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 94 (Suratganj-rajapur) -0.90 km* (NW)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.53	
	Suppression of dust	11.16	
	Plantation	0.061	
	Others (Stored water)	0.10	
	Total	12.85 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	BLANK		
35. Details of Lease Area in approved DSR	Page No 20; Sl. No. 107		

36. Proposed CER cost	2% of total project cost i.e. Rs.29,81781/-
37. Proposed EMP cost & Total Project Cost	Rs 31,58,029/- & 14,90,89,051/-
38. Length and Width of Haul Road	Unpaved Length 0.93 km and Paved Length 2.24 km and 6 m width
39. No. of Trees to be Planted	182

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The project proponent also informed that as per EIA Notification 14th September, 2006, online submission of EIA report for appraisal after public hearing is next stage in the process of grant of environmental clearance. We are unable to submit our complete EIA report which is of approx. 85 MB on the MoEF&CC portal due to restriction of 20 MB file size. Hence, they are submitting only EMP of the project, minutes of public hearing, risk assessment document which constitute the main domain of an EIA report.

RESOLUTION AGAINST AGENDA NO-10

The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled.

The recommendation of EC will be subjected to general/ specific conditions as annexed at annexure 1 & 2 to these minutes. The committee also stipulated following specific conditions:

- 1- Pakka motorable haul road to be maintained by the project proponent.
- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.

- 10- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 29,81,781/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Kaushambi, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

11. Proposed River Bed Sand/Morrum Mining Project from Yamuna River for M/s Bharat Earth Movers, located at Khand No.- 15/45 to 15/46, Village- Mahewa, Tehsil- Manjhanpur, District- Kaushambi, U.P., Sanctioned Lease Area: 24.28 ha (60 Acre), Effective Area- 18.88 ha File No. 4194/Proposal No. SIA/UP/MIN/23679/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand/Morrum Mining Project from Yamuna River at Khand No.- 15/45 to 15/46, Village- Mahewa, Tehsil- Manjhanpur, District- Kaushambi, U.P., (Sanctioned Leased Area: 24.28 ha), for M/s Bharat Earth Movers.
2. The public hearing was organized on 24/09/2018.
3. Salient features of the project as submitted by the project proponent:

Annexure-1

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM
MINING PROPOSALS**

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can

- form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.

36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.

15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

Minutes of the 240th Meeting of the SEIAA held on 05/11/2018

SEIAA meeting. However, the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018.

3. Proposed Riverbed Sand/Morrum Mining Project from Betwa River of M/s Baba Bholenath Traders, located at Khand No.- 10/36, Village-Beri, Tehsil- Hamirpur, District- Hamirpur, U.P., Sanctioned Lease Area-12.145 Ha, File No. 4376/Proposal No.SIA/UP/MIN/27993/2018

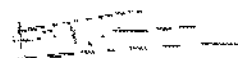
The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the SEIAA meeting. However, the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018.

4. Proposed Sand/Morrum Mining Project Khand No. 20/6, Vill: Tikapur, Tehsil Maudaha, Dist: Hamirpur, U.P., Leased area, 24.291 ha, File No. 4156/Proposal No.SIA/UP/MIN/22632/2018

The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the SEIAA meeting. However, the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018.

5. Proposed River Bed Sand Mining Project from Betwa River for M/s Pahalwan Traders, located at Khand No.- 23/7, Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., Sanctioned Lease Area: 12.145 ha, File No. 4141/Proposal No.SIA/UP/MIN/22490/2018

The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the SEIAA meeting. However, the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018.

 *Secretary*

Directorate of Environment, U.P.

Vinay Khand- I, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : doeuplko@yahoo.com

Website : www.seiaup.in

To,

Shri Rajesh Kushwaha,
S/o Late Mahadev Prasad,
M/s Rajesh Enterprises,
R/o 20/17, Rasoolpur,
District- Allahabad, U.P. 211001

Ref. No. S.O.B. /Parya/SEAC/4164/2018

Date: 24 November, 2018

Sub: Environmental Clearance for River Bed Sand Mining Project from Yamuna River at Khand No.- 15/43 to 15/44, Village- Mahewa, Tehsil- Manjhanpur, Distt-Kaushambi, U.P., Sanctioned Lease Area: (24.28 ha), M/s Rajesh Enterprises.

Dear Sir,

Please refer to your application/letter dated 27-03-2018, 16-10-2018 & 01-11-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 16/10/2018 & 16/11/2018.

A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand Mining Project from Yamuna River at Khand No.- 15/43 to 15/44, Village- Mahewa, Tehsil- Manjhanpur, Distt-Kaushambi, U.P., Sanctioned Lease Area: (24.28 ha), M/s Rajesh Enterprises.
2. The public hearing was organized on 24/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/22706/2018		
2. File No. allotted by SEIAA, UP	4164		
3. Name of Proponent	M/s Rajesh Enterprises Proprietor: Shri Rajesh Kushwaha		
4. Full correspondence address of proponent and mobile no.	M/s Rajesh Enterprises Proprietor: Shri Rajesh Kushwaha S/o Late Shri Mahadev Prasad, R/o-20/17 Rasoolpur, District-Allahabad, (U.P)		
5. Name of Project	Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 15/43 to 15/44		
7. Name of River	Yamuna		
8. Name of Village	Mahewa		
9. Tehsil	Manjhanpur		
10. District	Kaushambi		
11. Name of Minor Mineral	Morrum		
12. Sanctioned Lease Area (in ha)	24.28ha		
13. Mineable Area (in ha)	24.28 ha		
14. Zero level mRL	75 mRL		
15. Max. & Min mrl within lease area	86 mRL and 76 mRL		
16. Pillar Coordinates (Verified by DMD)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°23'23.81"N	81° 9'43.01"E
	B	25°23'9.60"N	81° 9'58.67"E

	C	25°23'1.07"N	81° 9'49.20"E
	D	25°23'14.03"N	81° 9'32.05"E
17. Total Geological Reserves	24,28,000 m ³		
18. Total Mineable Reserves in LOI	3,60,000 m ³ /year		
19. Total Proposed Production	3,60,000 m ³ /year (18,00,000 m ³ in 05 years)		
20. Proposed Production/year	3,60,000 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1309.1 (say 1310) m ³ /day		
23. Method of Mining	Open cast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 69 labours		
27. No. Of vehicles movement/day	87 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 94 (Suratganj-rajapur) 0.90 km ² (NW)		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		1.53
	Suppression of dust		11.16
	Plantation		0.061
	Others (Stored water)		0.10
	Total		12.85 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 007B and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer			
35. Details of Lease Area in approved DSE.	Page No 20; Sl. No. 107		
36. Proposed CER cost	2% of total project cost i.e. Rs.29,81,781/-		
37. Proposed EMP cost & Total Project Cost	Rs 31,58,029/- & 14,90,89,051/-		
38. Length and Width of Haul Road	Unpaved Length 0.93 km and Paved Length 2.24 km and 5 m width		
39. No. of Trees to be Planted	182		

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 16/10/2018 & 16/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 23/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 3,60,000 m³/year is proposed from mining lease area 24.28 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.

2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the

- SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.F.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
 36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
 37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
 38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
 39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
 40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
 41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to Improve the living conditions of construction labour at site).
 42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health

- surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
 44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
 45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
 46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
 47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
 48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied.
2. Pakka motorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kachcha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 29,81,781/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Kaushambi, U.P.

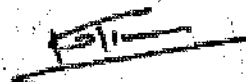


19. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha, then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling within in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHA and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.

[Handwritten signature]

38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be

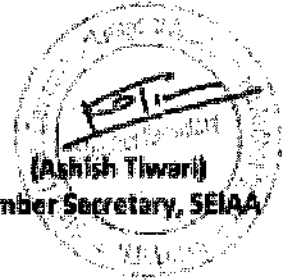


cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along-with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.



Ref. No. /Parya/SEAC/4164/2018 Dated: As above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Kaushambi, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file

(Ashish Tiwari)
Member Secretary, SEIAA

Minutes of 325th SEAC Meeting Date 23/03/2018

11. Drinking water for workers would be provided by tankers.
12. Mining should be done by Bar scalping or skimming methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
13. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
14. Total Project Cost has been submitted as Rs. 35.0 Lacs/annum. A CSR plan with minimum Rs. 1.5 lacs /annum work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Raibareli, U.P.
15. Detail of works under CSR which has to be executed as above is to be submitted with an affidavit to Directorate as well as to the District magistrate / Chief Development officers, Raibareli, U.P.
16. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of Receipt shall be produced to the Directorate of Environment along with the compliance report.
17. Measure for conservation of water rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CSR.
18. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place, suitable measure to be taken and details to be provided to concerned Department.
19. Width of the haul road shall be more than 6 meter.
20. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

11. Proposed River Bed Sand/Morrum Mining from Ken River for M/s Silvr Mist Retail Pvt. Ltd., located at Khand No.- 30/2, Village- Bhulsi, Tehsil-Maudaha, District-Hamirpur, U.P., Lease Area: 36.437 Ha). File No. 4100/Proposal No. (SIA/UP/MIN/22098/2018)

A presentation was made by project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining from Ken River at Khand No.- 30/2, Village- Bhulsi, Tehsil-Maudaha, District-Hamirpur, U.P., (Leased Area: 36.437 Ha), M/s Silvr Mist Retail Pvt. Ltd.
- 2- Salient features details of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/22098/2018
2. File No. allotted by SEIAA, UP	4100
3. Name of Proponent	Shri Prashant Malviya
4. Full correspondence address of proponent and mobile no.	M/s Silvr Mist Retail Pvt. Ltd. Shri Prashant Malviya S/o Shri Santosh Malviya R/o H.No. Ward No.10, Village - Sohagpur, Tehsil - Hosangabad, District -Hosangabad, Madhya Pradesh.
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 30/2
7. Name of River	Ken
8. Name of Village	Bhulsi
9. Tehsil	Maudaha
10. District	Hamirpur

11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	36.437 ha		
13. Mineable Area (in ha)	36.437 ha		
14. Zero level mRL	92 mRL		
15. Max. & Min mrl within lease area	101 mRL and 93 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°39'6.10"N	80°18'56.18"E
	B	25°39'2.85"N	80°19'4.02"E
	C	25°38'33.23"N	80°18'47.34"E
	D	25°38'18.52"N	80°18'28.54"E
	E	25°38'24.84"N	80°18'23.45"E
F	25°38'36.85"N	80°18'40.07"E	
17. Total Geological Reserves	18,21,850 m ³		
18. Total Mineable Reserves in LOI	5,82,912 m ³ /year		
19. Total Proposed Production	5,82,912 m ³ /year (29,14,560 m ³ in 05 years)		
20. Proposed Production/year	5,82,912 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2120 m ³ /day		
23. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none"> • Scraper/light earth movers • Chain based Bulldozer for rescue & salvage • Loader • Truck & tractors for transportation 		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	236 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR (Bharuwa-Sumerpur-Banda Road) – 6.20 km*(W)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	9.0	
	Plantation	0.09	
	Others (if any)	-	
Total	9.61 KLD		
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project	None		

or land in any court	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate Issued by DMO Hampur D. No. 108/14/27/Kham-MEMC-Tees-Vividh (2017) dated 02/02/2018.
35. Details of Lease Area in approved DSR	Page No 54;
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,14,642.5/-
37. Proposed EMP cost	Rs. 35,96,200/-
38. Total Project Cost	Rs 1,42,00,000/-
39. Length and Width of Haul Road	1300 m Length and 6 m width

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-11

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA:

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors,

Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.

14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the predominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
24. Details of water conservation measures proposed to be adopted in the project should be given.
25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the

working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.

27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
28. Details of rainwater harvesting proposed, if any, in the project should be provided.
29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
40. Public hearing shall be undertaken as per l.w. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
41. Details of litigation pending against the project, if any, with direction / order passed by any

4/13/18

State Level Environment Impact Assessment Authority, Uttar Pradesh

Uploaded on
www.seisaup.in

Directorate of Environment, U.P.

Vineet Khand-1, Gomti Nagar, Lucknow - 226 018

Phone : 91-522-2300541, Fax : 91-522-2300543

E-mail : doenvup@yahoo.com

Website : www.seisaup.in

To,

**Shri Prashant Malviya,
S/o Shri Santosh Malviya,
Owner,
H.No. Ward No. 10, Village-Sohagpur,
Tehsil-Hosangabad, District-Madhya Pradesh**

Ref. No. 18 /Parya/SEAC/4100/2018

Date: // April, 2018

Sub: Terms of reference for Proposed River Bed Sand/Morrums Mining from Ken River at Khand No.- 30/2, Village- Bhulsi, Tehsil-Maudaha, District- Hamirpur, U.P., (Leased Area: 36.437 Ha), M/s Sivrr Mist Retail Pvt. Ltd.

Dear Sir,

Please refer to your application dated 06-03-2018 addressed to the Secretary SEAC/Director, Directorate of Environment, U.P. on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 23-03-2018.

A presentation was made by project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrums Mining from Ken River at Khand No.- 30/2, Village- Bhulsi, Tehsil-Maudaha, District- Hamirpur, U.P., (Leased Area: 36.437 Ha), M/s Sivrr Mist Retail Pvt. Ltd.
- 2- Salient features details of the project is as follows:

1. On-line proposal No.	SA/UP/MIN/22096/2018
2. File No. allotted by SEIAA, UP	4100
3. Name of Proponent	Shri Prashant Malviya
4. Full correspondence address of proponent and mobile no.	M/s Sivrr Mist Retail Private Limited Shri Prashant Malviya S/o Shri Santosh Malviya R/o H.No. Ward No.10, Village - Sohagpur, Tehsil - Hosangabad, District -Hosangabad, Madhya Pradesh.
5. Name of Project	Sand/Morrums Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 30/2
7. Name of River	Ken
8. Name of Village	Bhulsi
9. Tehsil	Maudaha
10. District	Hamirpur
11. Name of Minor Mineral	Sand/Morrums
12. Sanctioned Lease Area (in ha)	36.437 ha
13. Mineable Area (in ha)	36.437 ha
14. Zero level mRL	92 mRL
15. Max. & Min mrl within lease area	101 mRL and 93 mRL

TDR for Proposed River Bed Sand/Morrum Mining from Ken River at Khani No.- 30/2, Village- Bhubi, Tehsil- Masudaha, District- Hamirpur, U.P., (Leased Area: 35.437 Ha), M/s Shree Mist Retail Pvt. Ltd

16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°39'6.10"N	80°18'56.18"E
	B	25°39'2.85"N	80°19'4.02"E
	C	25°38'13.23"N	80°18'47.34"E
	D	25°38'18.52"N	80°18'28.54"E
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17. Total Geological Reserves	18,21,850 m ³		
18. Total Mineable Reserves in LOI	5,82,912 m ³ /year		
19. Total Proposed Production	5,82,912 m ³ /year (29,14,560 m ³ in 05 years)		
20. Proposed Production/year	5,82,912 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2120 m ³ /day		
23. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none"> • Scraper/light earth movers • Chain based Bulldozer for rescue & salvage • Loader • Truck & tractors for transportation 		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	236 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR (Bharuwa-Sumerpur-Banda Road) – 6.20 km*(W)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	9.0	
	Plantation	0.09	
	Others (If any)	-	
Total	9.61 KLD		
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.1174 /khani-M-M-C-Tees- Vividh (2017-18) dated 09/02/2018		
35. Details of Lease Area in approved DSR	Page No 54;		
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,14,642.5/-		
37. Proposed EMP cost	Rs. 35,96,200/-		
38. Total Project Cost	Rs. 1,42,00,000/-		

TOR for Proposed River Bed Sand/Morrum Mining from Ken River at Khond No.- 28/2, Village- Shakti, Tehsil- Mandaha, District- Hamirpur, U.P., (Leased Area: 36.497 Ha), M/s Silver Mist Estate Pvt. Ltd

29. Length and Width of Haul Road	1300 m Length and 6 m width
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- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA:

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exist within 500 m periphery.
3. CSN cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and

**TOI for Proposed River Bed Sand/Morium Mining from Kosi River at Khond No.- 30/2, Village- Bhuai, Tehsil-
Mandaha, District- Hamirpur, U.P., (Leased Area: 36.437 Ha), M/s Shiv Mini Retail Pvt. Ltd**

buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.

15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of the departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality ($PM_{2.5}$, PM_{10} , SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the predominant downwind direction. The mineralogical composition of $PM_{2.5}$ particularly for free silica should be given.
21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
24. Details of water conservation measures proposed to be adopted in the project should be given.
25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
28. Details of rainwater harvesting proposed, if any, in the project should be provided.
29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.

30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
41. Details of litigation pending against the project, if any, with direction / order passed by any Court of law against the project should be given.
42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.

**TOI for Proposed River Bed Sand/Marble Mining from Ken River at Khawal No.- 30/2, Village- Shukla, Tehsil-
Bhainsaha, District- Hamirpur, U.P. (Leased Area: 35.437 Ha). M/s Shree Mahal Retail Pvt. Ltd.**

44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

No. /Parya/SEAC/4100/2018 Dated: As above
Copy with enclosure for information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Allganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Allganj, Lucknow.
4. District Magistrate, Hamirpur.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Director, Geology and Mining, Govt. of U.P.
7. Copy to Web Master/ guard file.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

false or incorrect then punitive actions as per the law shall be initiated against the authority issuing the cluster certificate.

10. Rajpur ordinary Sand Mine at Khasra No.- 1436/22, Khand No.-02, Village- Rajpur, Tehsil- Lalpani, District- Raebareilly, U.P. (Leased Area-8.49 Hac.) Shri Shiv Bhawan Singh, File No. 4055/Proposal No. (SIA/UP/ MIN/72832/2018)

The SEIAA noted the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions subjected to the submission of recent 500 m cluster certificate on prescribed format issued by District Mining Officer by the project proponent before the SEIAA meeting. SEIAA noted that the project proponent has submitted a recent 500 m Cluster Certificate dated 26-03-2018 issued by District Mining Officer. Hence, SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC but the SEIAA replaces the specific conditions no-2 of annexure-2 as 'if in future during the progressive mining this lease area becomes part of cluster i.e. area equal to or more than 25 ha., limited to B-1 category, then additional conditions based on the EIA conducted by the concerned lease holders shall be imposed and joint EMP shall be implemented. The lease holder shall mandatorily follow all the imposed conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per the law shall be initiated against the authority issuing the cluster certificate.

11. Proposed River Bed Sand/Morrum Mining from Ken River for M/s Silver Mist Retail Pvt. Ltd., located at Khand No.- 30/2, Village- Bhulsi, Tehsil-Maudaha, District- Hamirpur, U.P. Lease Area: 36.437 Ha) File No. 4100/Proposal No. (SIA/UP/ MIN/22098/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToRs to the title proposals for conducting EIA studies.

12. Proposed River Bed Sand Mining from Betwa River for M/s Sanevin Infrastructure Pvt. Ltd., located at Gata No.- 864/320, 865/320, Village-Simiriyar, Tehsil-Orai, District- Jalaun, Sanctioned Lease Area: 27.53 Ha(68.0 Acre) Effective Working Area: 18.12 Ha (44.77Acre) File No. 4103/Proposal No. (SIA/UP/ MIN/2; 915/2018)

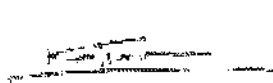
The SEIAA agreed with the recommendation of the SEAC to issue the additional ToRs to the title proposals for conducting EIA studies.

13. River Sand/Morrum Mining Project at Gata No./Zone No./Khand No- 01 Ka, Village- Kukargaon, Tehsil- Tehrauli, District- Jhansi, U.P. (Leased Area-30.361 Ha), Shri Bishan Singh, File No. 4104/Proposal No. (SIA/UP/ MIN/22214/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToRs to the title proposals for conducting EIA studies.

14. Sand/Morrum Mine at Khand No. 10/19 on Betwa River at Khand No.-10/19, Village- Beri, Tehsil & District- Hamirpur, U.P. (Leased Area-12.145 Ha), M/s A D Foods Pvt. Ltd. File No. 4114/Proposal No. (SIA/UP/ MIN/22254/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToRs to the title proposals for conducting EIA studies.



made in Board meeting

File No.

- 10- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 41,37,308/-shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

10. Proposed River Bed Sand Mining Project from Ken River for M/s Silvrr Mist Retail Pvt. Ltd., at Khand No.- 30/2, Village- Bhulsi, Tehsil- Maudaha, Hamirpur, U.P., Sanctioned Lease Area: 36.437 File No. 4109/Proposal No. SIA/UP/MIN/22098/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand Mining Project from Ken River at Khand No.- 30/2, Village- Bhulsi, Tehsil- Maudaha, Hamirpur, U.P., (Sanctioned Lease Area: 36.437 ha.), M/s Silvrr Mist Retail Pvt. Ltd.
2. The public hearing was organized on 20/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/22098/2018
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Minutes of 363rd SEAC Meeting Dated 15/10/2018

2. File No. allotted by SELAA, UP	4100 §		
3. Name of Proponent	ShriPrashantMalviya		
4. Full correspondence address of proponent and mobile no.	M/s Silver Mist Retail Private Limited ShriPrashantMalviya S/o ShriSantoshMalviya R/o H.No. Ward No.10, Village - Sohagpur, Tehsil - Hosangabad, District -Hosangabad, Madhya Pradesh.		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 30/2		
7. Name of River	Ken		
8. Name of Village	Bhulsi		
9. Tehsil	Maudaha		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	36.437 ha		
13. Mineable Area (in ha)	36.437 ha		
14. Zero level mRL	92 mRL		
15. Max. & Min mrl within lease area	101 mRL and 93 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°39'6.10"N	80°18'56.18"E
	B	25°39'2.85"N	80°19'4.02"E
	C	25°38'33.23"N	80°18'47.34"E
	D	25°38'18.52"N	80°18'28.54"E
	E	25°38'24.84"N	80°18'23.45"E
F	25°38'36.85"N	80°18'40.07"E	
17. Total Geological Reserves	18,21,850 m ³		
18. Total Mineable Reserves in LOI	5,82,912 m ³ /year		
19. Total Proposed Production	5,82,912 m ³ /year (29,14,560 m ³ in 05 years)		
20. Proposed Production/year	5,82,912 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2120 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 75 labours		
27. No. Of vehicles movement/day	141 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR (Bharuwa-Sumerpur-Banda Road) – 6.20 km*(W)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.89	
	Suppression of dust	15.72	
	Plantation	0.0911	
	Others (Stored water)	0.10	
	Total	17.80 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	BNV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No. 1178/ Hamir M.M.C. Tees: Vividh (2017/18) dated 09/02/2018		
35. Details of Lease Area in approved DSR	Page No 54;		

36. Proposed CER cost	2% of total project cost i.e. Rs.41,07,278/-
37. Proposed EMP cost & Total Project Cost	Rs. 39,22,019/- &Rs. 20,53,63,930/-
38. Length and Width of Haul Road	Unpaved length 1,31 m and Paved Length 6.75 m and 6 m width
39. No. of Trees to be Planted	273

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The project proponent also informed that as per EIA Notification 14th September, 2006, online submission of EIA report for appraisal after public hearing is next stage in the process of grant of environmental clearance. We are unable to submit our complete EIA report which is of approx. 85 MB on the MoEF&CC portal due to restriction of 20 MB file size. Hence, they are submitting only EMP of the project, minutes of public hearing, risk assessment document which constitute the main domain of an EIA report.

RESOLUTION AGAINST AGENDA NO-10

The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled.

The recommendation of EC will be subjected to general/ specific conditions as annexed at annexure 1 & 2 to these minutes. The committee also stipulated following specific conditions:

- 1- Pakkamotorable haul road to be maintained by the project proponent.
- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.

- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 41,07,278/-shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

11. Proposed River Bed Sand/Morrum Mining Project from Ken River for M/s GyanInfrabuild Pvt. Ltd., located at Khand No.- 30/3, Village- Bhulsi, Tehsil- Maudaha, District-Hamirpur, Sanctioned Lease Area: 36.437 ha, Effective Working Area- 34.437 ha File No. 4233/Proposal No. SIA/UP/MIN/24938/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand/Morrum Mining Project from Ken River at Khand No.- 30/3, Village- Bhulsi, Tehsil- Maudaha, District-Hamirpur, (Sanctioned Lease Area: 36.437 ha), M/s GyanInfrabuild Pvt. Ltd.
2. The public hearing was organized on 20/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/24938/2018
2. File No. allotted by SEIAA, UP	4233

Annexure-1

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM
MINING PROPOSALS**

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating

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- projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.

35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. [REDACTED]
8. The project proponent shall in 3 years conduct detailed environmental study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of

- the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
15. The critical parameters such as PM10, PM2.5, SO₂ and NO_x in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
 16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
 17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
 18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
 19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO₂ and NO_x. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
 20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
 21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
 22. Solid-waste material viz., gutkhapouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
 23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
 24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
 25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
 26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
 27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
 28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
 29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

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30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

EC to the titled project, SEIAA decided to go with the recommendation of SEAC along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied".

21. Proposed River Bed Sand Mining Project from Ken River for M/s Silver Mist Retail Pvt. Ltd. at Khand No.- 30/2, Village- Bhulsi, Tehsil- Maudaha, Hamirpur, U.P., Sanctioned Lease Area: 36.437/File No. 4100/Proposal No. SIA/UP/MIS/22098/2018

The SEIAA gone through the recommendation of SEAC to grant E.C. with the general and specific conditions. The SEIAA also gone through the file and noted that the case was earlier recommended by SEAC in its meeting dated 15-10-2018 for grant of EC with the comments that-

"The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting. The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled"

The SEIAA also noted that this matter was taken in its earlier meeting dated 05-11-2018 and was referred back to SEAC since it did not find it appropriate to issue E.C. in view of the above comments. In the mean time Hon'ble NGT ordered dated 13-11-2018 in MA no.-1622/2018 of OA no.-912/2018 that-

3-"We are of the view that this objection may be considered in the joint committee of SEIAA and SEAC in accordance with law before a decision is taken in the matter. If this objection is rejected, the reasons may be given. The applicant will be at liberty to raise this objection before the committee."

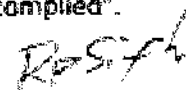
In compliance to the said order of NGT dated 13-11-2018 a joint meeting of SEAC and SEIAA was held on 14-11-2018 in which it was decided that the SEAC will again carryout appraisal of this project on the basis of individual EIA. SEAC has again carried out appraisal in its meeting dated 16-11-2018 and has recommended to grant EC with certain general and specific conditions.

The SEIAA gone through the recommendation of SEAC dated 16-11-2018 to grant EC wherein it has mentioned that the Project proponent has submitted individual EIA and also made a presentation before SEAC.

Keeping in view of the recommendation of SEAC dated 16-11-2018 again to grant EC to the titled project, SEIAA decided to go with the recommendation of SEAC along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied".







State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand-1, Gomti Nagar, Lucknow-226010

Phone : 91-522-2300-541, Fax : 91-522-2300-543

E-mail : doeuplko@yahoo.com

Website : www.seiaapp.in

To,

Shri Prashant Malviya,
S/o Shri Santosh Malviya,
Owner,
H.No. Ward No. 10, Village-Sohagpur,
Tehsil-Hosangabad, District-Madhya Pradesh.

Ref. No. 499/Purya/SEAC/4100/2018

Date: 24 November, 2018

Sub: Environmental Clearance for River Bed Sand Mining Project from Ken River at Khand No.- 30/2, Village-Bhulsi, Tehsil- Maudaha, Hamirpur, U.P., (Sanctioned Lease Area: 36.437 ha.), M/s Silver Mist Retail Pvt. Ltd.

Dear Sir,

Please refer to your application/letter dated 26-02-2018, 06-03-2018, 04-10-2018 & 15-10-2018 received in this office on 01-11-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 15/10/2018 & 16/11/2018.

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand Mining Project from Ken River at Khand No.- 30/2, Village- Bhulsi, Tehsil- Maudaha, Hamirpur, U.P., (Sanctioned Lease Area: 36.437 ha.), M/s Silver Mist Retail Pvt. Ltd.
2. The public hearing was organized on 20/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/22098/2018		
2. File No. allotted by SEIAA, UP	4100		
3. Name of Proponent	ShriPrashantMalviya		
4. Full correspondence address of proponent and mobile no.	M/s Silver Mist Retail Private Limited ShriPrashantMalviya S/o ShriSantoshMalviya R/o H.No. Ward No.10, Village - Sohagpur, Tehsil - Hosangabad, District -Hosangabad, Madhya Pradesh.		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 30/2		
7. Name of River	Ken		
8. Name of Village	Bhulsi		
9. Tehsil	Maudaha		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	36.437 ha		
13. Mineable Area (in ha)	36.437 ha		
14. Zero level mRL	92 mRL		
15. Max. & Min. mri within lease area	101 mRL and 93 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°39'6.10"N	80°18'56.18"E
	B	25°39'2.85"N	80°19'4.02"E
	C	25°38'53.23"N	80°18'47.34"E
	D	25°38'18.52"N	80°18'28.54"E
	E	25°38'24.84"N	80°18'23.45"E
F	25°38'36.85"N	80°18'40.07"E	

**E.C. for River Bed Sand Mining Project from Ken River at Chand No. 10/2, Village- Bhuloi, Tehsil- Maudohs, Hamirpur, U.P.
(Sanctioned Lease Area: 36.437 ha.), M/s Silver Mist Retail Pvt. Ltd.**

17. Total Geological Reserves	18,21,850 m ³	
18. Total Mineable Reserves in LOI	5,82,912 m ³ /year	
19. Total Proposed Production	5,82,912 m ³ /year (29,14,560 m ³ in 05 years)	
20. Proposed Production/year	5,82,912 m ³	
21. Sanctioned Period of Mine lease	5 years	
22. Production of mine/day	2120 m ³ /day	
23. Method of Mining	Opencast Semi mechanized	
24. No. of working days	275 days	
25. Working hours/day	12 hours	
26. No. Of workers	Approximately 75 labours	
27. No. Of vehicles movement/day	141 units	
28. Type of Land	Non - Agricultural, Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	MDR (Bharuwa-Sumerpur-Banda Road) - 6.20 km* (W)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	1.89
	Suppression of dust	15.72
	Plantation	0.0911
	Others (Stored water)	0.10
	Total	17.80 KLD
32. Name of OCl Accredited Consultant with OCl No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMD Hamirpur Letter No.1178 /kharij-M-M-C- Tees- Vividh (2017-18) dated 09/02/2018	
35. Details of Lease Area in approved DSR	Page No 54;	
36. Proposed CER cost	2% of total project cost i.e. Rs.41,07,278/-	
37. Proposed EMP cost & Total Project Cost	Rs. 39,22,019/- & Rs. 20,53,63,930/-	
38. Length and Width of Haul Road	Unpaved length 1.31 m and Paved Length 6.75 m and 6 m width	
39. No. of Trees to be Planted	273	

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 15/10/2018 & 16/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 23/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 5,82,912 m³/year is proposed from mining lease area 36.437 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.



E.C. for River Bed Sand Mining Project from Ken River at Khand No. - 30/2, Village- Bhulsi, Taluk- Maudaha, Hamirpur, U.P.
(Sanctioned Lease Area: 36.437 Ha.) M/s Shree Mit Retail Pvt. Ltd.

3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and/or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the



- SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA, III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
 36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
 37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
 38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
 39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
 40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
 41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
 42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health



E.C. for River Bed Sand Mining Project from Ken River at Kharai No.- 30/2, Village- Shudd, Tehsil- Maudaha, Hamirpur, U.P.,
(Sanctioned Lease Area: 36.437 ha), M/s Silver Mist Retail Pvt. Ltd.

surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.

43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. Pakka motorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 41,07,278/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.



E.C. for River Bed Sand Mining Project from Ken River at Khant No:- 30/2, Village- Bhulol, Tehsil- Maudaha, Hamirpur, U.P.
(Sanctioned Lease Area: 36.437 ha.) M/s Silver Mist Retail Pvt. Ltd.

19. Health/insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C. issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QC-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.



E.C. for River Bed Sand Mining Project from Ken River at Khand No.- 30/2, Village: Bhuisi, Tehsil: Mauahna, Hamirpur, U.P.
(Sanctioned Lease Area: 35.437 Ha J. M/s Silver Mist Retail Pvt. Ltd.

38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., guthapouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

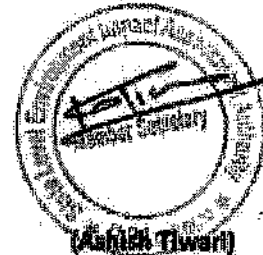


E.C. for River Bed Sand Mining Project from Kan River at Khand No. 3972, Village- Bhubti, Tehsil- Maudaha, Hamirpur, U.P.
(Sanctioned Lease Area: 36.437 ha.) M/s Silver Mist Retail Pvt. Ltd.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along-with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.



Member Secretary, SEIAA

Ref. No. /Parys/SEAC/4100/2018 Dated: As above

Copy for Information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.

(Ashish Tiwari)
Member Secretary, SEIAA

Minutes of 328th SEAC Meeting Date 04/04/2018

11. Proposed River Bed Sand/Morrum Mining from Yamuna River for M/s Harihar Minerals LLP located at Khand no. K-2, Gata no. 389Mi, 390Mi, Village- Khrka Teshil- Bhognipur, District- Kanpur Dehat. Lease area 18.33 ha. Sri Ramaavatar Singh, S/o Shri Tejram Singh, File No. 4160/Proposal No. (SIA/UP/ MIN/22656/2018)

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining from Yamuna River at Khand no. K-2, Gata no. 389Mi, 390Mi, Village- Khrka Teshil- Bhognipur, District-Kanpur Dehat, U.P. (Lease area 18.33 ha).
- 2- Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/22656/2018		
2. File No. allotted by SEIAA, UP	4160		
3. Name of Proponent	Shri Ramaavatar Singh S/o Shri Tejram Singh		
4. Full correspondence address of proponent and mobile no.	M/s Harihar Minerals LLP Proprietor: Shri Ramaavatar Singh S/o Shri Tejram Singh R/o New Patel Nagar, Near Kalidas School, District - Jalaun, Uttar Pradesh- 285001		
5. Name of Project	Sand Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. K-2, Gata No. 389 Mi & 390Mi		
7. Name of River	Yamuna River		
8. Name of Village	Kharka		
9. Tehsil	Bhognipur		
10. District	Kanpur Dehat		
11. Name of Minor Mineral	Sand		
12. Sanctioned Lease Area (in ha)	18.33 ha		
13. Mineable Area (in ha)	18.33 ha		
14. Zero level mRL	98 mRL		
15. Max. & Min mrl within lease area	106 mRL and 99 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	26°12'45.72"N	79°39'25.31"E
	B	26°12'39.29"N	79°39'52.99"E
	C	26°12'33.10"N	79°39'50.34"E
D	26°12'38.00"N	79°39'22.06"E	
17. Total Geological Reserves	9,16,500 m ³		
18. Total Mineable Reserves in LOI	2,74,950 m ³ /year		
19. Total Proposed Production (in Five Years)	13,74,750 m ³ in 05 years		
20. Proposed Production/year	2,74,950 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	999.82 m ³ /day		
23. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: • Scraper/light earth movers		

Minutes of 328th SEAC Meeting Date 04/04/2018

	<ul style="list-style-type: none"> • Chain based Bulldozer for rescue & salvage • Loader • Truck & tractors for transportation 	
24. No. of working days	275 days	
25. Working hours/day	12 hours	
26. No. of workers	Approximately 52 labours	
27. No. of vehicles movement/day	111 units	
28. Type of Land	Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	MDR (Kalpi-Madaripur Marg) : 5.0 km* (SE)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.52
	Suppression of dust	11.64
	Plantation	0.045
	Others (if any)	-
	Total	12.20 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project falls under E1 category, hence cluster certificate is not required.	
35. Details of Lease Area in approved DSR	Page No 10; Serial No.7	
36. Proposed CSR cost	5% of total project cost i.e. Rs. 6,78,560/-	
37. Proposed EMP cost / Total Project Cost	Rs. 9,76,550/- & 1,35,71,200/-	
38. Length and Width of Haul Road	970 m Length and 6 m width	
39. No. of Trees to be Planted	90	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) and is in cluster situation as per EIA Notification, 2006 (as amended).

Resolution against agenda no-11

The committee discussed the matter in the light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so

- collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the predominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
 21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the project should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 27. Details of first order stream, if any passing through lease area and modification/diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.

36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

State Level Environment Impact Assessment Authority, Uttar Pradesh

UETAA

Directorate of Environment, U.P.

Vineet Khand-1, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : docuplko@yahoo.com

Website : www.seiaaup.in

To,

Shri Ramaavatar Singh,
S/o Shri Tejram Singh,
New Patel Nagar,
Jalaun, U.P- 285001

Ref. No. 32 /Parya/SEAC/4160/2018
Proposal no- SIA/UP/MIN/22656/2018

Date: 25 April, 2018

Sub: Terms of reference for Proposed River Bed Sand/Morrum Mining from Yamuna River at Khand no. K-2, Gata no. 389Mi, 390Mi, Village- Khrka Teshil- Bhognipur, District-Kanpur Dehat, U.P. (Lease area 18.33 ha).

Dear Sir,

Please refer to your application dated 26-03-2018 addressed to the Secretary SEAC/Director, Directorate of Environment, U.P. on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 04/04/2018.

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining from Yamuna River at Khand no. K-2, Gata no. 389Mi, 390Mi, Village- Khrka Teshil- Bhognipur, District-Kanpur Dehat, U.P. (Lease area 18.33 ha).
- 2- Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/22656/2018
2. File No. allotted by SEIAA, UP	4160
3. Name of Proponent	Shri Ramaavatar Singh S/o Shri Tejram Singh
4. Full correspondence address of proponent and mobile no.	M/s Harihar Minerals LLP Proprietor: Shri Ramaavatar Singh S/o Shri Tejram Singh R/o New Patel Nagar, Near Kalidas School, District - Jalaun, Uttar Pradesh- 285001
5. Name of Project	Sand Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. K-2, Gata No. 389 Mi & 390Mi
7. Name of River	Yamuna River
8. Name of Village	Khrka
9. Tehsil	Bhognipur
10. District	Kanpur Dehat
11. Name of Minor Mineral	Sand
12. Sanctioned Lease Area (in ha)	18.33 ha
13. Mineable Area (in ha)	18.33 ha

TOI for Proposed River Bed Sand/Morium Mining from Yamuna River at Khand no. K-2, Gata no. 389MI, 390MI, Village- Khrka Teshri- Bhognipur, District-Kanpur Dehat, U.P. (Lease area 18.33 ha).

14. Zero level mRL	98 mRL																		
15. Max. & Min mrl within lease area	106 mRL and 99 mRL																		
16. Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillars</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td align="center" colspan="3">Sanctioned Lease Area</td> </tr> <tr> <td align="center">A</td> <td align="center">26°12'45.72"N</td> <td align="center">79°39'25.31"E</td> </tr> <tr> <td align="center">B</td> <td align="center">26°12'39.29"N</td> <td align="center">79°39'52.99"E</td> </tr> <tr> <td align="center">C</td> <td align="center">26°12'33.10"N</td> <td align="center">79°39'50.34"E</td> </tr> <tr> <td align="center">D</td> <td align="center">26°12'38.00"N</td> <td align="center">79°39'22.06"E</td> </tr> </tbody> </table>	Pillars	Latitude	Longitude	Sanctioned Lease Area			A	26°12'45.72"N	79°39'25.31"E	B	26°12'39.29"N	79°39'52.99"E	C	26°12'33.10"N	79°39'50.34"E	D	26°12'38.00"N	79°39'22.06"E
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20. Proposed Production/year	2,74,950 m ³																		
21. Sanctioned Period of Mine lease	5 years																		
22. Production of mine/day	999.82 m ³ /day																		
23. Method of Mining	<p>Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using:</p> <ul style="list-style-type: none"> • Scraper/light earth movers • Chain based Bulldozer for rescue & salvage • Loader • Truck & tractors for transportation 																		
24. No. of working days	275 days																		
25. Working hours/day	12 hours																		
26. No. of workers	Approximately 52 labours																		
27. No. of vehicles movement/day	111 units																		
28. Type of Land	Government Waste Land (Revenue land)																		
29. Ultimate Depth of Mining	3 m																		
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33. Any litigation pending against the project or land in any court	None																		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project falls under B1 category, hence cluster certificate is not required																		
35. Details of Lease Area in approved DSR	Page No 10; Serial No.7																		
36. Proposed CSR cost	5% of total project cost i.e. Rs. 6,78,560/-																		
37. Proposed EMP cost / Total Project Cost	Rs. 9,76,550/- & 1,35,71,200/-																		
38. Length and Width of Haul Road	970 m Length and 6 m width																		

39. No. of Trees to be Planted

90

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) and is in cluster situation as per EIA Notification, 2006 (as amended).

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA:

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exist within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zones around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area (core zone and buffer zone (10 km radius of the periphery of the mine lease)) shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the

TOR for Proposed River Bed Sand/Morium Mining from Yamuna River at Khand no. K-2, Gata no. 389MI, 390MI, Village- Khria Teski- Bhojaipur, District-Kanpur Dehat, U.P. (Lease area 18.33 ha).

fauna present.

15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM2.5, PM10, SOx and NOx), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10 particularly for free silica should be given.
21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
24. Details of water conservation measures proposed to be adopted in the project should be given.
25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
28. Details of rainwater harvesting proposed, if any, in the project should be provided.
29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
30. Quantity of solid waste generated to be estimated and details for its disposal and

TOR for Proposed River Bed Sand/Merrium Mining from Yamuna River at Khand no. K-2, Gata no. 389MI, 390MI, Village- Khrka Tehsil- Bhoznipur, District-Kanpur Dehat, U.P. (Lease area 10.33 ha).

management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).


31. The reclamation plan, post mine land use and progressive green belt-development plan shall be prepared in tabular form (prescribed format) and submitted.
32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
45. The company will have a well laid down Environment Policy approved by its Board of

TOR for Proposed River Bed Sand/Morrum Mining from Yamuna River at Khand no. K-2, Gata no. 389MI, 390MI, Village- Khrika Teshil- Bhoznipur, District-Kanpur Dehat, U.P. (Lease area 18.33 ha).

Directors and it may be detailed in EIA report.

46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

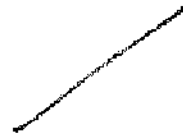
This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

No. /Parva/SEAC/4160/2018 Dated: As above

Copy with enclosure for information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate, Kanpur Dehat.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Director, Geology and Mining, Govt. of U.P.
7. Copy to Web Master/ guard file.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

Minutes of the 202nd Meeting of the SEIAA held on 05/04/2018

11. Proposed River Bed Sand/Morrum Mining from Yamuna River for M/s Harihar Minerals LLP located at Khand no. K-2, Gata no. 389Mi, 390Mi, Village- Khrka Teshil- Bhognipur, District-Kanpur Dehat, Lease area 18.33 ha, Sri Ramaavatar Singh, S/o Shri Teiram Singh, File No. 4160/Proposal No. (SIA/UP/ MIN/21656/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

12. Nirbari Kachhar Ordinary Sand Mine on Yamuna River at Gata No.- 15Mi, Village- Nirbari Kachhar, Tehsil- Sikandara District: Kanpur Dehat, Lease area-16.58 ha. M/s Parth Construction & Supplier, File No. 4161/Proposal No. (SIA/UP/ MIN/22657/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

13. Devri Sand Mine on Dhasan River located at Gata No 381/10, 332/1, Village - Devri, Tehsil- Garautha, District.- Jhansi , U.P., M/s R.S.I. Stone World Pvt. Ltd., (Leased Area-21.044 Ha), File No. 3999/4162/Proposal No. (SIA/UP/ MIN/72294/2018)

The SEIAA noted that "An Environmental clearance has been granted with vide letter no. 162/Parya/SEAC/3999/2017 dated 12/02/2018 as per the earlier proposed transport route which was passing through agriculture land mostly and also forest patches since no road was available connecting to site and thus was not viable. The new evacuation route has been proposed which is passing through villages Bilgaon, Dhurouli and Magrauth and finally meets SH-21. Also a temporary bridge needs to be constructed over the stream without hindering the flow of the channel. The laying of the bridge will be taken up in consultation with the Irrigation Department."

SEIAA is of the opinion that the project proponent should be called for presentation alongwith the map and other details of the evacuation route i.e., type of road, width of the road, distance from village population etc. and temporary bridge i.e. its location, type of bridge, brief design, time required for its construction, NOC/permission of Irrigation Department etc.

14. Area- 40.00 Acre (16.194 ha) for River Sand/Morrum Mining Project at Gata No.- 267, 268 , Khand No.- 03, Village- Kyotra, Tehsil- Kalpi, District- Jalaun, U.P., M/s Suresh Chandra Gupta (Leased Area-16.194 Ha), File No. 4163/Proposal No. (SIA/UP/ MIN/22691/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

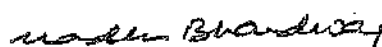
15. Proposed River Bed Sand/Morrum Mining from Yamuna River for M/s Rajesh Enterprises located at Khand No.- 15/43 to 15/44, Village- Mahewa, Tehsil- Manihanpur, District- Kaushambi, U.P., , Sanctioned Lease Area: 59.99 acre(24.28 ha), File No. 4164/Proposal No. (SIA/UP/ MIN/22706/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies.

16. Proposed River Bed Sand/Morrum Mining from Yamuna River for M/s Jal Bajarang Traders located at Khand No.- 11/05 to 11/06i, Village- Diya Uparhar, Tehsil- Manihanpur, District- Kaushambi, U.P., Lease Area: 24.28 ha (59.97 acre), File No. 4165/Proposal No. (SIA/UP/ MIN/22709/2018)

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposals for conducting EIA studies







Minutes of 364th SEAC Meeting Date 16/10/2018

The 364th meeting of SEAC was held in Directorate of Environment, U.P. on 16/10/2018 following members were present in the SEAC:

- | | | |
|----|---------------------------|----------|
| 1. | Dr. (Prof.) S.N. Singh, | Chairman |
| 2. | Dr. Sarita Sinha, | Member |
| 3. | Dr. Virendra Misra, | Member |
| 4. | Dr. Pramod Kumar Mishra, | Member |
| 5. | Dr. Richhpal Singh Sangu, | Member |
| 6. | Shri Meraj Uddin, | Member |

The Chairman welcomed the members to the 364th SEAC meeting.

The SEAC unanimously took following decisions on the agenda points discussed:

1. **Sand/Morrum Mining at Khand no. K-2, Gata no. 389Mi, 390Mi, Village: Khrka, Teshil : Bhognipur, Distt: Kanpur Dehat, U.P. (Leased area 18.33 ha.) File No. 4160/Proposal No.SIA/UP/MIN/22656/2018**

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- The environmental clearance is sought for Sand/Morrum Mining at Khand no. K-2, Gata no. 389Mi, 390Mi, Village: Khrka Teshil : Bhognipur, Distt: Kanpur Dehat, U.P. (Leased area 18.33 ha.).
- The public hearing was orgauized on 19/09/2018.
- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/22656/2018		
2. File No. allotted by SEIAA, UP	4160		
3. Name of Proponent	Shri Ramaavatar Singh S/o Shri Tejram Singh		
4. Full correspondence address of proponent and mobile no.	M/s Hamar Minerals LLP Proprietor: Shri Rama Avatar Singh S/o Shri Tejram Singh R/o New Patel Nagar, Near Kalidas School, District - Jala n, Uttar Pradesh- 285001		
5. Name of Project	Sand Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. K-2, Gata No. 389 Mi & 390Mi		
7. Name of River	Yamuna River		
8. Name of Village	Kharka		
9. Tehsil	Bhognipur		
10. District	Kanpur Dehat		
11. Name of Minor Mineral	Sand		
12. Sanctioned Lease Area (in ha)	18.33 ha		
13. Mineable Area (in ha)	18.33 ha		
14. Zero level mRL	98 mRL		
15. Max. & Min mrl within lease area	106 mRL and 99 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		

	A	26°12'45.72"N	79°39'25.31"E
	B	26°12'39.29"N	79°39'52.99"E
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19. Total Proposed Production (in Five Years)	13,74,750 m ³ in 05 years		
20. Proposed Production/year	2,74,950 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	999.82 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. of workers	approximately 67 labours		
27. No. of vehicles movement/day	67 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR (Kalpi- Madaripur Marg) : 5.0 km* (SE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.38	
	Suppression of dust	13.6	
	Plantation	0.046	
	Others (Stored water)	0.10	
	Total	15.12 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Proposed falls under E1 category, hence cluster certificate is not required.		
35. Details of Lease Area in approved DSR	Page No 10; Serial No.7		
36. Proposed CER cost	2% of total project cost i.e. Rs. 25,56,911/-		
37. Proposed EMP cost / Total Project Cost	Rs. 34,26,499/- & 12,78,45,565/-		
38. Length and Width of Haul Road	Unpaved length 0.68 km and Paved Length 10.29 km and 6 m width		
39. No. of Trees to be Planted	137		

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The project proponent also informed that as per EIA Notification 14th September, 2006, online submission of EIA report for appraisal after public hearing is next stage in the process of grant of environmental clearance. We are unable to submit our complete EIA report which is of approx. 85 MB on the MoEF&CC portal due to restriction of 20 MB file size. Hence, they are submitting only EMP of the project, minutes of public hearing, risk assessment document which constitute the main domain of an EIA report.

RESOLUTION AGAINST AGENDA NO-01

The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled.

The recommendation of EC will be subjected to general/ specific conditions as annexed at annexure 1 & 2 to these minutes. The committee also stipulated following specific conditions:

- 1- Pakka motorable haul road to be maintained by the project proponent.
- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 25,56,911/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone

- number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Kanpur Dehat, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
 - 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
 - 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
 - 21- Width of the haul road shall be more than 6 meter.
 - 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

2. Proposed River Bed Sand/Morrum Mining Project from Betwa River for M/s Kanha Construction Company, located at Khand No.- 23/13, Village- Bhedi Kharka, Tehsil- Sarila, Hamirpur, Sanctioned Lease Area: 12.145 ha (30 Acre) File No. 4192/Proposal No.SIA/UP/MIN/23553/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand/Morrum Mining Project from Betwa River at Khand No.- 23/13, Village- Bhedi Kharka, Tehsil- Sarila, Hamirpur, Sanctioned Lease Area: 12.145 ha (30 Acre), M/s Kanha Construction Company.
2. The public hearing was organized on 19/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/23553/2018		
2. File No. allotted by SEIAA, UP	4192		
3. Name of Proponent	Shri Kanha Construction Company Proprietor- Shri Anil Dixit		
4. Full correspondence address of proponent and mobile no.	Shri Kanha Construction Company Proprietor- Shri Anil Dixit S/o Shri Radhe Shyam Dixit R/o Geru wala bangla, Tyagi Nagar, Morar, Gwalior, M.P. 474006		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 23/13		
7. Name of River	Betwa		
8. Name of Village	Bhedi Kharka		
9. Tehsil	Sarila		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	12.145 ha		
13. Mineable Area (in ha)	12.145 ha		
14. Zero level mRL	99 mRL		
15. Max. & Min mrl within lease area	106 mRL and 100 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		

Annexure-1

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM
MINING PROPOSALS**

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can

form a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.

19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.

36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.

15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Plot No. 1, Sector 1, Ganga Nagar, Lucknow - 226 010

Phone: 01-522-2300341 Fax: 01-522-2300340

E-mail: seiaa@up.gov.in

Website: www.seiaa.org

Minutes of the 240th Meeting of the State Level Environment Impact Assessment Authority, UP (SEIAA) held on 06/11/2018

The meeting of 240th State Level Environment Impact Assessment Authority, UP (SEIAA) was held on 06/11/2018 at the Directorate of Environment. The following were present in the meeting:-

- | | |
|-----------------------------|------------------------------|
| 1. Prof. Rana Pratap Singh | Chairman, SEIAA, U.P |
| 2. Dr. (Smt.) Madhu Bhardwa | Member, SEIAA, U.P |
| 3. Sri Ashish Tiwari | Member Secretary, SEIAA, U.P |

Agenda-A: Complaints/letters – Nil

Agenda-B: Replies- Nil

Agenda-C: Minutes of 364th SEAC Meeting Date 16/10/2018

1. Sand/Morrum Mining at Khand no. K-2, Gata no. 389Mi, 390Mi, Village: Khrka, Tehsil : Bhognipur, Distt: Kanpur Dehat, U.P. (Leased area 18.33 ha.) File No. 4160/Proposal No.SIA/UP/MIN/22656/2018

The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the SEIAA meeting. However, the SEIAA has mentioned that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive in joint meeting scheduled for 14-11-2018, the EC shall be treated as cancelled. Hence, SEIAA is of the opinion that issuing EC for 02 days is not justified. Decision shall be taken after the proposed joint meeting on 14-11-2018.

2. Proposed River Bed Sand/Morrum Mining Project from Betwa River for M/s Kanha Construction Company, located at Khand No.- 23/13, Village- Bhedi Kharka, Tehsil- Sarila, Hamirpur, Sanctioned Lease Area: 12.145 ha (30 Acre) File No. 4192/Proposal No.SIA/UP/MIN/23553/2018

The SEIAA noted that SEAC in-principle agreed to recommend the case for grant of EC with the annexed general/ specific conditions in its meeting dated 15-10-2018 with the condition that the PP/consultant should submit the individual EIA to Directorate before the

[Handwritten signatures and notes at the bottom of the page]

Directorate of Environment, U.P.

Vineet Khand-1, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : docupleo@yahoo.com

Website : www.seiaaup.in

To,

Shri Ramaavtar Singh,
S/o Shri Tejram Singh,
Owner,
New Patel Nagar,
Jalaun, U.P- 285001

Ref. No. 497 Parya/SEAC/4160/2018

Date: 24 November, 2018

Sub: Environmental Clearance for Sand/Morrum Mining at Khand no. K-2, Gata no. 389Mi, 390Mi, Village: Khrka Teshil : Bhognipur, Distt: Kanpur Dehat, U.P. (Leased area 18.33 ha.).

Dear Sir,

Please refer to your application/letter dated 26-03-2018, 04-10-2018 & 15-10-2018, addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 15/10/2018 & 16/11/2018.

A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Sand/Morrum Mining at Khand no. K-2, Gata no. 389Mi, 390Mi, Village: Khrka Teshil : Bhognipur, Distt: Kanpur Dehat, U.P. (Leased area 18.33 ha.).
2. The public hearing was organized on 19/09/2018.
3. Sallent features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/22656/2018		
2. File No. allotted by SEIAA, UP	4160		
3. Name of Proponent	Shri Ramaavtar Singh S/o Shri Tejram Singh		
4. Full correspondence address of proponent and mobile no.	M/s Harihar Minerals LLP Proprietor: Shri Rama Avatar Singh S/o Shri Tejram Singh R/o New Patel Nagar, Near Kalidas School, District - Jalaun, Uttar Pradesh- 285001		
5. Name of Project	Sand Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. K-2, Gata No. 389 Mi & 390Mi		
7. Name of River	Yamuna River		
8. Name of Village	Kharka		
9. Tehsil	Bhognipur		
10. District	Kanpur Dehat		
11. Name of Minor Mineral	Sand		
12. Sanctioned Lease Area (in ha)	18.33 ha		
13. Mineable Area (in ha)	18.33 ha		
14. Zero level mRL	98 mRL		
15. Max. & Min mrl within lease area	106 mRL and 99 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	26°12'45.72"N	79°39'25.31"E

(Signature)

E.C. FOR SAND/MORTAR MINING AT KALPI NO. 82, SDA NO. 59001, 59001, VILLAGE: KALPI TESI: BALDIPUR, DIST: KANPUR DEHAT,
U.P. (Leased area 18.33 ha.)

	B	26°12'39.29"N	79°39'52.99"E
	C	26°12'33.10"N	79°39'50.34"E
	D	26°12'38.00"N	79°39'22.06"E
17. Total Geological Reserves	9,16,500 m ³		
18. Total Mineable Reserves in LOI	2,74,950 m ³ /year		
19. Total Proposed Production (in Five Years)	13,74,750 m ³ in 05 years		
20. Proposed Production/year	2,74,950 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	999.82 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. of workers	Approximately 67 labours		
27. No. of vehicles movement/day	67 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR (Kalpi- Madaripur Marg) . 5.0 km* (SE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.38	
	Suppression of dust	13.6	
	Plantation	0.046	
	Others (Stored water)	0.10	
Total	15.12 KLD		
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Project falls under B1 category, hence cluster certificate is not required		
35. Details of Lease Area in approved DSR	Page No 10; Serial No.7		
36. Proposed CER cost	2% of total project cost i.e. Rs. 25,56,911/-		
37. Proposed EMP cost / Total Project Cost	Rs. 34,26,499/- & 12,78,45,565/-		
38. Length and Width of Haul Road	Unpaved length 0.68 km and Paved Length 10.29 km and 6 m width		
39. No. of Trees to be Planted	137		

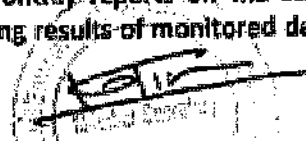
4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 16/10/2018 & 16/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 22/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 2,74,950 m³/year is proposed from mining lease area 18.33 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.

3. Any change in mining area, khasra numbers, entalling capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Morrum will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the



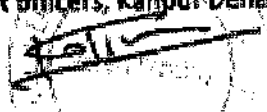
E.C. for Sand/Morram Mining at Khand no. K-2, Gate no. 389MI, 390MI, Village: Khirka Tashi : Bhognipur, Distt: Kanpur Dehat, U.P. (Leased area 18.33 ha.)

- SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.HI dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to the project.
 36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
 37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
 38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
 39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
 40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
 41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
 42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health

- surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
 44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
 45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
 46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
 47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
 48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

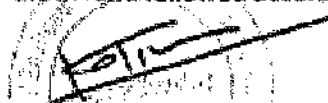
Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. Pakka motorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 25,56,911/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Kanpur Dehat, U.P.



E.C. for Sand/Moram Mining at Khond no. K-2, Gate no. 383MI, 300MI, Village: Kharka Tehsil : Bhognipur, Distt: Kanger Dehat,
U.P. (Leased area 18.23 ha.)

19. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling within in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/MHA and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.



38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., gutkha pouches, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/beit to be developed along haulage road in consultation of Gram Sabha/Panchayat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsilder's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.



The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along-with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.


(Ashish Tiwari)
Member Secretary, SEIAA

Ref. No. /Parya/SEAC/4160/2018 Dated: As above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indra Paryavaran Bhawan, Jor Bagh Road, Allganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Allganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Kapur Dehat, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.


(Ashish Tiwari)
Member Secretary, SEIAA

Minutes of 354th SEAC Meeting Dated 30/08/2018

19. Green belt shall be developed in minimum 33% of the plot area to mitigate the effect of fugitive emission all around the plant in consultation with DFO as per CPCB guidelines. Thick green belt around factory premises shall be ensured.
 20. The Company shall harvest surface as well as rain water, from the rooftops of the buildings proposed in the project and storm water drains to recharge the ground water and use the same water for the various activities of the project to conserve fresh water.
 21. Accreditation documents of concerned Laboratory for monitoring/testing purposes to be submitted.
 22. All the recommendations mentioned in the EMP/DMP shall be implemented.
 23. Dedicated parking facility for loading and unloading of material shall be provided in the LPG hotting plant. Unit shall develop and implement good traffic management system for their incoming and outgoing vehicles to avoid congestion on the public road.
 24. Company shall adopt Corporate Environment Policy as per the Ministry's O.M. No- J-11013/41/2006-IA.II(I) dated 26 April, 2011 and implemented.
 25. Digital photographs to be submitted for future expansion.
 26. Peripheral green of minimum 50.0 metre is to be retained with tree plantation along the boundary of proposed. Tree plantation @ One tree per 80.0 sq.metres is to be provided.
 27. All papers regarding Accredited testing lab is to be submitted.
 28. A 2% of the total project cost Corporate Environmental Responsibility (CER) plan along with budgetary provision shall be prepared phase wise and approved by Board of Directors of the company. A copy of resolution as above shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted alongwith photographs.
 29. Online real time VOC analyzers should be installed in the predominant wind directions for continuous VOC monitoring.
2. **River Bed Sand / Morrur Mining Project at Betwa River at Khand No.-26/3, Village – Chandwari Ghurouli, Tehsil- Sarila, District- Hamirpur, U.P., (Leased Area-24.291 Ha.) M/s New Eoan Associates. File No. 4404/ Proposal No.S1A/UP/MIN/ /2018**

A presentation was made by the project proponent along with their consultant M/s ENV Development Assistance Systems (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

1. The environmental clearance is sought for river bed Sand/Morrur Mining Project at Betwa River at Khand No.-26/3, Village – Chandwari Ghurouli, Tehsil- Sarila, District- Hamirpur, U.P., (Leased Area-24.291 Ha.) M/s New Eoan Associates.
2. Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/28363/2018
2. File No. allotted by SEIAA, UP	4404
3. Name of Proponent	M/s New Eoan Associates Proprietor- Shri Dharmendra Singh Tomar
4. Full correspondence address of proponent and mobile no.	M/s New Eoan Associates Proprietor- Shri Dharmendra Singh Tomar S/o Shri Krishna Kumar Singh Tomar, R/o H.No. 101, Tansen Nagar,, Tehsil - Gwalior, District - Gwalior, M.P.
5. Name of Project	Sand/Morrur Mining

Minutes of 354th SEAC Meeting Dated 30/08/2018

6. Project location (Plot/Khasra/Gata No.)	Khand No. 26/3																																																
7. Name of River	Betwa																																																
8. Name of Village	Chandwari Ghurouli																																																
9. Tehsil	Sarila																																																
10. District	Hamirpur																																																
11. Name of Minor Mineral	Sand/Morrum																																																
12. Sanctioned Lease Area (in ha)	24.291 ha																																																
13. Mineable Area (in ha)	20.291 ha																																																
14. Zero level mRL	110 mRL																																																
15. Max. & Min mrl within lease area	118 mRL and 114 mRL																																																
16. Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th colspan="3">Sanctioned Area</th> </tr> <tr> <th>Points</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>25°48'4.95"N</td> <td>79°26'0.55"E</td> </tr> <tr> <td>B</td> <td>25°47'54.70"N</td> <td>79°26'7.88"E</td> </tr> <tr> <td>C</td> <td>25°47'40.71"N</td> <td>79°25'51.78"E</td> </tr> <tr> <td>D</td> <td>25°47'49.30"N</td> <td>79°25'43.09"E</td> </tr> <tr> <th colspan="3">Workable Area</th> </tr> <tr> <td>E</td> <td>25°48'2.40"N</td> <td>79°25'57.70"E</td> </tr> <tr> <td>F</td> <td>25°47'51.57"N</td> <td>79°26'4.36"E</td> </tr> <tr> <td>C</td> <td>25°47'40.71"N</td> <td>79°25'51.78"E</td> </tr> <tr> <td>D</td> <td>25°47'49.30"N</td> <td>79°25'43.09"E</td> </tr> <tr> <th colspan="3">Non Workable Area</th> </tr> <tr> <td>A</td> <td>25°48'4.95"N</td> <td>79°26'0.55"E</td> </tr> <tr> <td>B</td> <td>25°47'54.70"N</td> <td>79°26'7.88"E</td> </tr> <tr> <td>F</td> <td>25°47'51.57"N</td> <td>79°26'4.36"E</td> </tr> <tr> <td>E</td> <td>25°48'2.40"N</td> <td>79°25'57.70"E</td> </tr> </tbody> </table>	Sanctioned Area			Points	Latitude	Longitude	A	25°48'4.95"N	79°26'0.55"E	B	25°47'54.70"N	79°26'7.88"E	C	25°47'40.71"N	79°25'51.78"E	D	25°47'49.30"N	79°25'43.09"E	Workable Area			E	25°48'2.40"N	79°25'57.70"E	F	25°47'51.57"N	79°26'4.36"E	C	25°47'40.71"N	79°25'51.78"E	D	25°47'49.30"N	79°25'43.09"E	Non Workable Area			A	25°48'4.95"N	79°26'0.55"E	B	25°47'54.70"N	79°26'7.88"E	F	25°47'51.57"N	79°26'4.36"E	E	25°48'2.40"N	79°25'57.70"E
Sanctioned Area																																																	
Points	Latitude	Longitude																																															
A	25°48'4.95"N	79°26'0.55"E																																															
B	25°47'54.70"N	79°26'7.88"E																																															
C	25°47'40.71"N	79°25'51.78"E																																															
D	25°47'49.30"N	79°25'43.09"E																																															
Workable Area																																																	
E	25°48'2.40"N	79°25'57.70"E																																															
F	25°47'51.57"N	79°26'4.36"E																																															
C	25°47'40.71"N	79°25'51.78"E																																															
D	25°47'49.30"N	79°25'43.09"E																																															
Non Workable Area																																																	
A	25°48'4.95"N	79°26'0.55"E																																															
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F	25°47'51.57"N	79°26'4.36"E																																															
E	25°48'2.40"N	79°25'57.70"E																																															
17. Total Geological Reserves	12,14,550 m ³																																																
18. Total Mineable Reserves in LOI	4,85,747 m ³ /year																																																
19. Total Proposed Production	4,85,747 m ³ /annum (24,28,735 m ³ in 05 years)																																																
20. Proposed Production/year	4,85,747 m ³																																																
21. Sanctioned Period of Mine lease	5 years																																																
22. Production of mine/day	1766 m ³ /day																																																
23. Method of Mining	Opencast Manual & Semi mechanized																																																
24. No. of working days	275 days																																																
25. Working hours/day	12 hours																																																
26. No. Of workers	Approximately 52 labours																																																
27. No. Of vehicles movement/day	118 units																																																
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)																																																
29. Ultimate Depth of Mining	3 m																																																
30. Nearest metalled road from site	SH 21 (Rath- Oraí Marg)- 2.50 km* (N)																																																
31. Water Requirement	<table border="1"> <thead> <tr> <th>PURPOSE</th> <th>REQUIREMENT (KLD)</th> </tr> </thead> <tbody> <tr> <td>Drinking</td> <td>0.52</td> </tr> <tr> <td>Suppression of dust</td> <td>8.4</td> </tr> <tr> <td>Plantation</td> <td>0.06</td> </tr> <tr> <td>Others (if any)</td> <td>-</td> </tr> <tr> <td>Total</td> <td>8.98 KLD</td> </tr> </tbody> </table>	PURPOSE	REQUIREMENT (KLD)	Drinking	0.52	Suppression of dust	8.4	Plantation	0.06	Others (if any)	-	Total	8.98 KLD																																				
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32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABE1/EIA/1720/RA 0078 and Valid till 02/04/2020.																																																
33. Any litigation pending against the project or land in any court	None																																																
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Certificate No. 622/Khami-M-M-C Tees Vividh (2018-19) dated 18/07/2018.																																																
35. Details of Lease Area in approved DSR	Page No 65; Table No.22																																																

36. Proposed CSR cost	5% of total project cost i.e. Rs.7,10,000/-
37. Proposed EMP cost/ Total Project Cost	Rs 35,05,195/- & 1,42,01,000/-
38. Length and Width of Haul Road	700 m Length and 6 m width
39. No. of Trees to be Planted	121

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-02

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.

3. River Bed Sand/Morrum Mining Project at Betwa River at Khand No.-23/19, Village – Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., (Leased Area-12.145 Ha.) M/s Harihar Minerals LLP. File No. 4406/ Proposal No.SIA/UP/MIN/80370/2018

A presentation was made by the project proponent along with their consultant M/s ENV Development Assistance Systems (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

1. The environmental clearance is sought for river bed Sand/Morrum Mining Project at Betwa River at Khand No.-23/19, Village–Bhedi Kharka, Tehsil-Sarila, District-Hamirpur, U.P., (Leased Area-12.145 Ha.) M/s Harihar Minerals LLP.
2. Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/28370/2018
2. File No. allotted by SEIAA, UP	4406
3. Name of Proponent	M/s Harihar Minerals LLP Proprietor- Shri Ram Avatar Singh
4. Full correspondence address of proponent and mobile no.	M/s Harihar Minerals LLP Proprietor- Shri Ram Avatar Singh S/o Shri Tej Ram Singh, R/o H.No. LLP 405 Kha, New Patel Nagar, Near Kalidas School, Tehsil - Orai, District -Jalaun, U.P.
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 23/19
7. Name of River	Betwa
8. Name of Village	Bhedi Kharka
9. Tehsil	Sarila
10. District	Hamirpur
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	12.145 ha
13. Mineable Area (in ha)	9.685 ha
14. Zero level mRL	101 mRL
15. Max. & Min mrl within lease area	106 mRL and 104 mRL
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area

Annexure-1

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Regional combined EMP study should be carried out.
3. Regional combined area of homogeneous leases in cluster situation should be verified by DMO.
4. ~~Certificate from Mining Officer that there is no other mining area exit within 500 m periphery~~
5. CER cost to be calculated for individual lease.
6. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
7. The lab conducting the analysis should be authenticated and registered.
8. Public hearing to be conducted as per EIA Notification, 2006.
9. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
10. Approved mining plans for all the mining projects.
11. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
12. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
13. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
14. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
15. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
16. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
17. Impact of change of land use should be given.
18. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
19. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
20. 02 km kachcha haul road to be made motorable. Submit Plan.

21. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
22. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
23. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
24. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
25. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
26. Details of water conservation measures proposed to be adopted in the project should be given.
27. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
28. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
29. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
30. Details of rainwater harvesting proposed, if any, in the project should be provided.
31. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
32. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
33. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
34. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
35. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
36. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
37. Phase-wise plan of green belt development, plantation and compensatory afforestation should be

- charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
38. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 39. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 40. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 41. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 42. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 43. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 44. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 45. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 46. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 47. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 48. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 49. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 50. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

2. River Bed Sand / Morrum Mining Project at Betwa River at Khand No.-26/3, Village – ChandwanGhurouli, Tehsil- Sarila, District- Hamirpur, U.P., (Leased Area-24.291 Ha.) M/s New Ecan Associates. File No. 4404/ Proposal No.SIA/UP/MIN/ /2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposal for conducting EIA studies amending Annexed TOR point no. 7 which should be read as-

"The lab conducting the analysis should be NABL accredited or MoEF&CC approved".

The SEIAA also added the following points to TOR:-

- 1- All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
- 2- Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
- 3- MOU signed between the project proponent and the consultant should be submitted.

3. River Bed Sand/Morrum Mining Project at Betwa River at Khand No.-23/19, Village – BhediKharka, Tehsil- Sarila, District- Hamirpur, U.P., (Leased Area-12.145 Ha.) M/s Harihar Minerals LLP. File No. 4406/ Proposal No.SIA/UP/MIN/80370/2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposal for conducting EIA studies amending Annexed TOR point no. 7 which should be read as-

"The lab conducting the analysis should be NABL accredited or MoEF &CC approved".

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- 2- Copy of all the analysis reports signed by analyst approved by NABL or MoEF &CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
- 3- MOU signed between the project proponent and the consultant should be submitted.

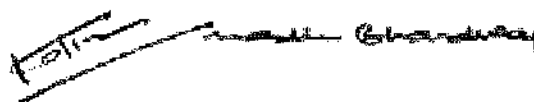
4. River Bed Sand/Morrum Mining from River Yamuna in Khand No. 04, Village-Jauharpur, Tehsil & District-Banda, U.P., (Leased Area- 15.0 Ha). M/s Radhika Construction, File No. 4409/ Proposal No.SIA/UP/MIN/28383/2018

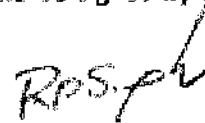
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"The lab conducting the analysis should be NABL accredited or MoEF&CC approved".

The SEIAA also added the following points to TOR:-

- 1- All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.





- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

4. Proposed River Bed Sand/Morrum Mining Project at Betwa River located at Khand No.-26/3, Village - Chandwari Ghurouli, Tehsil- Sarila, District- Hamirpur, U.P., M/s New Eoan Associates, Leased Area-24.291 Ha File No. 4510/4404/Proposal No. SIA/UP/MIN/29418/2018

RESOLUTION AGAINST AGENDA NO-04

This case will take up on dated 22/10/2018.

5. Sand/Morrum mining at Gata no. 15Mi Vill: Nirbari Kachhar Tehsil Sikandara Distt: Kanpur Dehat Lease area-16.58 ha. File No. 4511/4161/Proposal No. SIA/UP/MIN/29420/2018

A presentation was made by the project proponent alongwith their consultant M/s Cognizance Research India Private Limited. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Sand/Morrum mining at Gata no. 15Mi Vill: Nirbari Kachhar, Tehsil-Sikandara, Distt: Kanpur Dehat, U.P., (Leased area-16.58 ha).
2. Terms of reference in the matter were issued through SEIAA letter dated 25/04/2018.
3. The public hearing was organized on 28/09/2018.
4. EIA was submitted by the project proponent through letter dated 05/10/2018.
5. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/29420/2018
2. File No. allotted by SEIAA, UP	4511/ 4161
3. Name of Proponent	M/s Parth Construction & Suppliers Shri Basant Chaturvedi (Proprietor).
4. Full correspondence address of proponent and mobile no.	11 Shastri Marg, Civil Lines, Jhansi (U.P.)
5. Name of Project	Nibarri Kaachhar Sand Mining Project
6. Project location (Plot/Khasra/Gata No.)	15 mi
7. Name of River	Yamuna River
8. Name of Village	Nibri kachhar
9. Tehsil	S'kandara
10. District	District Kanpur Dehat, Uttar Pradesh

number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Kanpur Dehat, U.P.

- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

6. Proposed Riverbed Sand/Morrum Mining Project from Ken River of M/s Eureka Mines and Minerals LLP located at Gata No.-747 (Khand No.- 01), Village- Pathreta, Tehsil- Kalpi, District-Jalaun, Uttar Pradesh. Sanctioned Lease Area-40.02 Ha File No. 4512 / 4384/Proposal No. SIA/UP/MIN/29419/2018

RESOLUTION AGAINST AGENDA NO-06

This case will take up on dated 22/10/2018.

7. Proposed River Bed Sand/Morrum Mining Project at Betwa River located at Khand No.-23/19, Village-Bhedi Kharka, Tehsil-Sarila, District- Hamirpur, U.P., M/s Harihar Minerals LLP, Leased Area-12.145 Ha File No. 4513/4406/Proposal No. SIA/UP/MIN/29422/2018

RESOLUTION AGAINST AGENDA NO-07

This case will take up on dated 22/10/2018.

8. Sand/Morrum Mine on Ken River at Khand No.- 4881, 4880, 4834, 4824 Kha, Village- Durendi, Tehsil- Banda, District- Banda, U.P., Shri Rajkumar Gupta, Lease Area: 27.0 ha, File No. 4180/Proposal No. SIA/UP/MIN/23031/2018

A presentation was made by the project proponent alongwith their consultant M/s Greencindia Consulting Private Limited. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Sand/Morrum Mine on Ken River at Khand No.- 4881, 4880, 4834, 4824 Kha, Village- Durendi, Tehsil- Banda, District- Banda, U.P., (Leased Area: 27.00:00 ha).
2. Terms of reference in the matter were issued through SEIAA letter dated 11/07/2018.
3. The public hearing was organized on 11/09/2018.
4. EIA was submitted by the project proponent through letter dated 05/10/2018.
5. Salient features of the project as submitted by the project proponent:

10. Proposed River Bed Sand/Morrum Mining Project at Betwa River located at Khand No.-26/3, Village - Chandwari Ghurouli, Tehsil- Sarila, District- Hamirpur, U.P., M/s New Eoan Associates, Leased Area-24.291 Ha File No. 4510/4404/Proposal No. SIA/UP/MIN/ 29418/2018

The SEIAA gone through the recommendation of SEAC to grant E.C. with the general and specific conditions. The SEIAA also gone through the file and noted that the case was earlier recommended by SEAC in its meeting dated 22-10-2018 for grant of EC with the comments that-

"The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting. The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled"

The SEIAA also noted that this matter was taken in its earlier meeting dated 16-11-2018 and was referred back to SEAC since it did not find it appropriate to issue E.C. in view of the above comments. In the mean time Hon'ble NGT ordered dated 13-11-2018 in MA no.-1622/2018 of OA no.-912/2018 that-

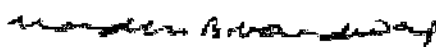
3-*"We are of the view that this objection may be considered in the joint committee of SEIAA and SEAC in accordance with law before a decision is taken in the matter. If this objection is rejected, the reasons may be given. The applicant will be at liberty to raise this objection before the committee."*

In compliance to the said order of NGT dated 13-11-2018 a joint meeting of SEAC and SEIAA was held on 14-11-2018 in which it was decided that the SEAC will again carryout appraisal of this project on the basis of individual EIA. SEAC has again carried out appraisal in its meeting dated 16-11-2018 and has recommended to grant EC with certain general and specific conditions.

The SEIAA gone through the recommendation of SEAC dated 16-11-2018 to grant EC wherein It has mentioned that the Project proponent has submitted individual EIA and also made a presentation before SEAC.

Keeping in view of the recommendation of SEAC dated 16-11-2018 again to grant EC to the titled project, SEIAA decided to go with the recommendation of SEAC along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied".







Directorate of Environment, U.P.

Vineet Khand-I, Gorai Nagar, Lucknow-226 010

(Phone: 91-522-2300 541, Fax: 91-522-2300 543)

E-mail: doepkno@yahoo.com

Website: www.sejaup.in

To,

Shri Dharmendra Singh Tomar,
Owner,
H.No- 101, Tansen Nagar, Tehsil- Gwalior,
District- Gwalior, M.P.

Ref. No. 502...../Parya/SEAC/4510-4404/2018Date: 24 November, 2018

Sub: Environmental Clearance for River Bed Sand/Morrum Mining Project at Betwa River at Khand No.-26/3, Village - Chandwari Ghurouli, Tehsil- Sarila, District- Hamirpur, U.P., (Leased Area-24.291 Ha), M/s New Eoan Associates.

Dear Sir,

Please refer to your application/letter dated 25-07-2018, 05-10-2018, 15-10-2018 & 22-10-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 22/10/2018 & 16-11-2018.

A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand/Morrum Mining Project at Betwa River at Khand No.-26/3, Village - Chandwari Ghurouli, Tehsil- Sarila, District- Hamirpur, U.P., (Leased Area-24.291 Ha), M/s New Eoan Associates.
2. The public hearing was organized on 19/09/2018
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/29418/2018 (Old-SIA/UP/MIN/28363/2018)																			
2. File No. allotted by SEIAA, UP	4510/4404																			
3. Name of Proponent	M/s New Eoan Associates Proprietor- Shri Dharmendra Singh Tomar																			
4. Full correspondence address of proponent and mobile no.	M/s New Eoan Associates Proprietor- Shri Dharmendra Singh Tomar S/o Shri Krishna Kumar Singh Tomar, R/o H.No. 101, Tansen Nagar., Tehsil - Gwalior, District - Gwalior, M.P.																			
5. Name of Project	Sand/Morrum Mining																			
6. Project location (Plot/Khasra/Gata No.)	Khand No. 26/3																			
7. Name of River	Betwa																			
8. Name of Village	Chandwari Ghurouli																			
9. Tehsil	Sarila																			
10. District	Hamirpur																			
11. Name of Minor Mineral	Sand/Morrum																			
12. Sanctioned Lease Area (in ha)	24.291 ha																			
13. Mineable Area (in ha)	20.291 ha																			
14. Zero level mRL	110 mRL																			
15. Max. & Min. mri within lease area	118 mRL and 114 mRL																			
16. Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th colspan="3">Sanctioned Area</th> </tr> <tr> <th>Points</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>25°48'4.95"N</td> <td>79°26'0.55"E</td> </tr> <tr> <td>B</td> <td>25°47'54.70"N</td> <td>79°26'7.88"E</td> </tr> <tr> <td>C</td> <td>25°47'40.71"N</td> <td>79°25'51.78"E</td> </tr> <tr> <td>D</td> <td>25°47'49.30"N</td> <td>79°25'43.09"E</td> </tr> </tbody> </table>		Sanctioned Area			Points	Latitude	Longitude	A	25°48'4.95"N	79°26'0.55"E	B	25°47'54.70"N	79°26'7.88"E	C	25°47'40.71"N	79°25'51.78"E	D	25°47'49.30"N	79°25'43.09"E
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	E	F												
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	Non Workable Area													
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	E	25°48'2.40"N	79°25'57.70"E											
17. Total Geological Reserves	12,14,550 m ³													
18. Total Mineable Reserves in LOI	4,85,747 m ³ /year													
19. Total Proposed Production	4,85,747 m ³ /annum (24,28,735 m ³ in 05 years)													
20. Proposed Production/year	4,85,747 m ³													
21. Sanctioned Period of Mine lease	5 years													
22. Production of mine/day	1766 m ³ /day													
23. Method of Mining	Opencast Semi mechanized													
24. No. of working days	275 days													
25. Working hours/day	12 hours													
26. No. Of workers	Approximately 69 labours													
27. No. Of vehicles movement/day	117 unit:													
28. Type of Land	Non - Agricultural, Government Waste Land (Revenue land)													
29. Ultimate Depth of Mining	3 m													
30. Nearest metalled road from site	SH 21 (Rath- Orai Marg)- 2.50 km ² (N)													
31. Water Requirement	<table border="1"> <thead> <tr> <th>PURPOSE</th> <th>REQUIREMENT (KLD)</th> </tr> </thead> <tbody> <tr> <td>Drinking</td> <td>1.65</td> </tr> <tr> <td>Suppression of dust</td> <td>13.14</td> </tr> <tr> <td>Plantation</td> <td>0.061</td> </tr> <tr> <td>Others (Stored water)</td> <td>0.10</td> </tr> <tr> <td>Total</td> <td>14.95 KLD</td> </tr> </tbody> </table>		PURPOSE	REQUIREMENT (KLD)	Drinking	1.65	Suppression of dust	13.14	Plantation	0.061	Others (Stored water)	0.10	Total	14.95 KLD
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Total	14.95 KLD													
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.													
33. Any litigation pending against the project or land in any court	None													
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.622/khanj-M-M-C- Tees- Vividh (2018-19) dated 18/07/2018													
35. Details of Lease Area in approved DSR	Page No 65, Table No.22													
36. Proposed CER cost	2% of total project cost i.e. Rs.35,37,982/-													
37. Proposed EMP cost/ Total Project Cost	Rs 34,30,403/- & 17,68,99,104/-													
38. Length and Width of Haul Road	Unpaved Length 0.73km and Paved Length 5.98 km and 6 m width													
39. No. of Trees to be Planted	182													

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category- 1(a) of EIA Notification, 2006 (as amended).

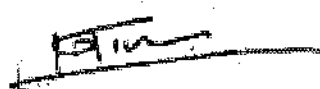
[Signature]

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 22-10-2018 & 16-11-2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 23/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 4,85,747 m³/year is proposed from mining lease area 24.291 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.

21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA, III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.



39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
3. Pakka motorable haul road to be maintained by the project proponent.
4. A separate Environmental Management Cell with suitable qualified personnel shall be setup under the control of a Senior Executive, who will report directly to the Head of the Organization.
5. Permission from the competent authority regarding evacuation route should be taken.
6. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
7. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
8. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
9. Provision for cylinder to workers should be made for cooking.
10. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
11. Provide suitable mask to the workers.
12. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
13. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
14. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
15. Provision for two toilets and hand pumps should be made at mining site.
16. Drinking water for workers would be provided by tankers.

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17. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
18. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
19. Corporate Environmental Responsibility (CER) plan with minimum Rs. 26,98,133/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA, III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Jalaun, U.P.
20. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
21. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
22. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
23. Width of the haul road shall be more than 6 meter.
24. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
25. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
26. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
27. The Environmental clearance will be co-terminus with the mining lease period.
28. Project falling within in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
29. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
30. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NMAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
31. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C. issued will stand revoked.
32. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
33. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
34. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
35. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.



36. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
37. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
38. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
39. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
40. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
41. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
42. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
43. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
44. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
45. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
46. Solid waste material viz., guthapouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
47. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
48. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
49. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPLB.
50. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
51. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
52. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
53. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
54. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.



55. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
56. Waste water from potable use be collected and reused for sprinkling.
57. During the school opening and closing time vehicle movement will be restricted.
58. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.


(Ashish Tiwari)

Member Secretary, SEIAA

Ref. No. /Parva/SEAC/4510-4404/2018 Dated: As above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.


(Ashish Tiwari)

Member Secretary, SEIAA

Minutes of 353rd SEAC Meeting Dated 29/08/2018

- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-6

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.

7. River bed Sand/Morrum Mining from Ken River at Gata No.-747 (Khand No.-01), Village-Pathreta, Tehsil-Kalpi, Distt-Jalaun. M/s Eureka Mines and Minerals LLP Area-40.02 Ha. File No. 4384/ Proposal No.SIA/UP/MIN/28125/2018

A presentation was made by the project proponent along with their consultant M/s ENV Development Assistance Systems (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for river bed Sand/Morrum Mining from Ken River at Gata No.-747 (Khand No.-01), Village-Pathreta, Tehsil-Kalpi, Distt-Jalaun, U.P., (Leased Area-40.02 Ha.) M/s Eureka Mines and Minerals LLP.
- 2- Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/28125/2018		
2. File No. allotted by SEIAA, UP	4384		
3. Name of Proponent	Shri Chandershekhar Chaurasia		
4. Full correspondence address of proponent and mobile no.	M/s Eureka Mines and Minerals LLP Proprietor- Shri Chandershekhar Chaurasia S/o Shri Deen Dayal Chaurasia, H.No. 28, Brahmपुरi Colony, Near Jugauli Crossing, Faizabad Road, District Lucknow, Uttar Pradesh.		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 747, Khand No. 01		
7. Name of River	Betwa		
8. Name of Village	Pathreta		
9. Tehsil	Kalpi		
10. District	Jalaun		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	16.194 ha		
13. Mineable Area (in ha)	16.194 ha		
14. Zero level mRL	95 mRL		
15. Max. & Min mrl within lease area	103 mRL and 99 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude (N)	Longitude (E)
	A	25°52'28.09"N	79°48'23.44"E
	B	25°52'41.58"N	79°48'32.46"E
	C	25°52'37.32"N	79°48'45.41"E
	D	25°52'24.27"N	79°48'33.20"E
17. Total Geological Reserves	16,19,400 m ³		
18. Total Mineable Reserves in LOI	3,23,880 m ³ /year		
19. Total mineable reserve approved in mine plan	3,23,880 m ³ /year (16,19,400 m ³ in 05 years)		
20. Proposed Production per Form-1, PFR & EMP	3,23,880 m ³ /year (16,19,400 m ³ in 05 years)		

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and presentation submitted to SEAC UP	
21. Proposed Production/year	3,23,880m ³
22. Sanctioned Period of Mine lease	5 years
23. Production of mine/day	1,177.74 m ³ /day
24. Method of Mining	Open cast, Manual, semi mechanized
25. No. of working days	275 days
26. Working hours/day	12 hours
27. No. Of workers	Approximately 52 labours
28. No. Of vehicles movement/day	79 units
29. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)
30. Ultimate Depth of Mining	3 m
31. Nearest metalled road from site	NH 25(Jhansi-Kanpur Highway)- 28.60 km*(NW)
32. Water Requirement	PURPOSE
	Drinking
	Suppression of dust
	Plantation
	Others (if any)
Total	4.76 KLD
33. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.
34. Any litigation pending against the project or land in any court	None
35. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster Map Issued by D/MC Malau Letter No. MMS/30 Issue Date: 25/07/2018
36. Details of Lease Area in approved DSR	Page No 54; Table No. NIL
37. Proposed CSR cost	5% of the total project cost i.e. Rs. 7,01,000/-
38. Proposed EMP cost & Total Project Cost	Rs. 32,56,575 /- & Rs. 1,37,28,000/-
39. Length and Width of Haul Road	700 m Length and 6 m width

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-7

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.

Annexure-1

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Regional combined EMP study should be carried out.
3. Regional combined area of homogeneous leases in cluster situation should be verified by DMO.
4. ~~Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.~~
5. CER cost to be calculated for individual lease.
6. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
7. The lab conducting the analysis should be authenticated and registered.
8. Public hearing to be conducted as per EIA Notification, 2006.
9. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
10. Approved mining plans for all the mining projects.
11. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
12. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
13. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
14. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
15. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
16. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
17. Impact of change of land use should be given.
18. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
19. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
20. 02 km kachcha haul road to be made motorable. Submit Plan.

21. One season (Non Monsoon) primary baseline data on ambient air quality (PM2.5, PM10, SOx and NOx), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
22. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10 particularly for free silica should be given.
23. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
24. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
25. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
26. Details of water conservation measures proposed to be adopted in the project should be given.
27. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
28. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
29. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
30. Details of rainwater harvesting proposed, if any, in the project should be provided.
31. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
32. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
33. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
34. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
35. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
36. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
37. Phase-wise plan of green belt development, plantation and compensatory afforestation should be

- charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
38. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 39. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 40. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 41. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 42. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 43. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 44. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 45. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 46. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 47. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 48. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 49. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 50. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

Minutes of the 229th Meeting of the SEIAA held on 06/09/2018

6. Riverbed Sand/Morrum Mining from Ken River at Gata No.- 100, Khand No.-01 (Block No.-24) at Village-Khapti/Kafan, Tehsil-Pailani, Distt-Banda, Area-16.0 Ha. File No. 4383/ Proposal No.SIA/UP/MIN/28085/2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposal for conducting EIA studies amending Annexed TOR point no. 7 which should be read as-

"The lab conducting the analysis should be NABL accredited or MoEF&CC approved".

The SEIAA also added the following points to TOR;-

- 1- All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
- 2- Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
- 3- MOU signed between the project proponent and the consultant should be submitted.

7. River bed Sand/Morrum Mining from Ken River at Gata No.-747 (Khand No.-01), Village-Pathreta, Tehsil-Kalpi, Distt-Jalaun, M/s Eureka Mines and Minerals LLP Area-40.02 Ha. File No. 4384/ Proposal No.SIA/UP/MIN/28125/2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposal for conducting EIA studies amending Annexed TOR point no. 7 which should be read as-

"The lab conducting the analysis should be NABL accredited or MoEF&CC approved".

The SEIAA also added the following points to TOR;-

- 1- All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
- 2- Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
- 3- MOU signed between the project proponent and the consultant should be submitted.

8. River bed Sand/Morrum Mining Project from Ken River at Khand No.-10/27 to10/28, Village- Kataiya, Tehsil- Chail, District-Kaushambi, U.P. (Leased Area-24.28 Ha.) M/s K.K. Associates. File No. 4385/ Proposal No.SIA/UP/MIN/27811/2018

SEIAA agreed with the recommendation of SEAC to discuss the matter after receiving online information .

 *Manish Chandra*

- number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Kanpur Dehat, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
 - 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CBR.
 - 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
 - 21- Width of the haul road shall be more than 6 m ter.
 - 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

6. Proposed Riverbed Sand/Morrum Mining Project from Ken River of M/s Eureka Mines and Minerals LLP located at Gata No.-747 (Khand No.- 01), Village- Pathreta, Tehsil- Kalpi, District-Jalaun, Uttar Pradesh. Sanctioned Lease Area-40.02 Ha File No. 4512 / 4384/Proposal No. SIA/UP/MIN/29419/2018

RESOLUTION AGAINST AGENDA NO-06

This case will take up on dated 22/10/2018.

7. Proposed River Bed Sand/Morrum Mining Project at Betwa River located at Khand No.-23/19, Village-Bhedi Kharka, Tehsil-Sarila, District- Hamirpur, U.P., M/s Harihar Minerals LLP, Leased Area-12.145 Ha File No. 4513/4406/Proposal No. SIA/UP/MIN/29422/2018

RESOLUTION AGAINST AGENDA NO-07

This case will take up on dated 22/10/2018.

8. Sand/Morrum Mine on Ken River at Khand No.- 4881, 4880, 4834, 4824 Kha, Village- Durendi, Tehsil- Banda, District- Banda, U.P., Shri Rajkumar Gupta, Lease Area: 27.0 ha, File No. 4180/Proposal No. SIA/UP/MIN/23031/2018

A presentation was made by the project proponent alongwith their consultant M/s Greencindia Consulting Private Limited. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Sand/Morrum Mine on Ken River at Khand No.- 4881, 4880, 4834, 4824 Kha, Village- Durendi, Tehsil- Banda, District- Banda, U.P., (Leased Area: 27.00.00 ha).
2. Terms of reference in the matter were issued through SEIAA letter dated 11/07/2018.
3. The public hearing was organized on 11/09/2018.
4. BIA was submitted by the project proponent through letter dated 05/10/2018.
5. Salient features of the project as submitted by the project proponent:

12. Proposed Riverbed Sand/Morrum Mining Project from Ken River of M/s Eureka Mines and Minerals LLP located at Gata No.-747 (Khand No.- 01), Village- Pathreta, Tehsil- Kalpi, District-Jalain, Uttar Pradesh, Sanctioned Lease Area-40.02 Ha File No. 4512 / 4384/Proposal No. SIA/UP/MIN/29419/ 2018

The SEIAA gone through the recommendation of SEAC to grant E.C. with the general and specific conditions. The SEIAA also gone through the file and noted that the case was earlier recommended by SEAC in its meeting dated 22-10-2018 for grant of EC with the comments that-

"The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting. The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled"

The SEIAA also noted that this matter was taken in its earlier meeting dated 16-11-2018 and was referred back to SEAC since it did not find it appropriate to issue E.C. in view of the above comments. In the mean time Hon'ble NGT ordered dated 13-11-2018 in MA no.-1622/2018 of OA no.-912/2018 that-

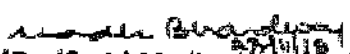
3-*"We are of the view that this objection may be considered in the joint committee of SEIAA and SEAC in accordance with law before a decision is taken in the matter. If this objection is rejected, the reasons may be given. The applicant will be at liberty to raise this objection before the committee."*

In compliance to the said order of NGT dated 13-11-2018 a joint meeting of SEAC and SEIAA was held on 14-11-2018 in which it was decided that the SEAC will again carryout appraisal of this project on the basis of individual EIA. SEAC has again carried out appraisal in its meeting dated 16-11-2018 and has recommended to grant EC with certain general and specific conditions.

The SEIAA gone through the recommendation of SEAC dated 16-11-2018 to grant EC wherein it has mentioned that the Project proponent has submitted individual EIA and also made a presentation before SEAC.

Keeping in view of the recommendation of SEAC dated 16-11-2018 again to grant EC to the titled project, SEIAA decided to go with the recommendation of SEAC along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied".


(Smt) Ashish Tiwari, IFS)
Member-Secretary
SEIAA


(Dr. (Smt.) Madhu Bhardwaj)
Member
SEIAA


(Prof. Rana Pratap Singh)
Chairman
SEIAA

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vinod Khand- I, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 549

E-mail : dceup10@yahoo.com

Website : www.seiaup.in

To,

Shri Chandershekhar Chaurasia,
S/o Shri Deen Dayal Chaurasia,
H.No- 28, Brahmipuri colony,
Near Jugauli Crossing, Faizabad Road,
District- Lucknow, U.P.

Ref. No. 501 /Parys/SEAC/4512-4384/2018

Date: 24 November, 2018

Sub: Environmental Clearance for Riverbed Sand/Morrum Mining Project from Betwa River at Gata No.-747 (Khand No.- 01), Village- Pathreta, Tehsil- Kalpi, District-Jalaun, Uttar Pradesh, (Sanctioned Lease Area-16.194 Ha), M/s Eureka Mines and Minerals LLP.

Dear Sir,

Please refer to your application/letter dated 10-07-2018, 17-07-2018, 05-10-2018, 12-10-2018 & 22-10-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 22/10/2018 & 16-11-2018.

A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Riverbed Sand/Morrum Mining Project from Betwa River at Gata No.-747 (Khand No.- 01), Village- Pathreta, Tehsil- Kalpi, District-Jalaun, Uttar Pradesh, (Sanctioned Lease Area-16.194 Ha), M/s Eureka Mines and Minerals LLP.
2. The public hearing was organized on 19/09/2018
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/29419/2018 (Old- SIA/UP/MIN/28125/2018)						
2. File No. allotted by SEIAA, UP	4384/4512						
3. Name of Proponent	M/s Eureka Mines and Minerals LLP Proprietor - Shri Chandershekhar Chaurasia						
4. Full correspondence address of proponent and mobile no.	M/s Eureka Mines and Minerals LLP Proprietor- Shri Chandershekhar Chaurasia S/o Shri Deen Dayal Chaurasia, H.No. 28, Brahmipuri Colony, Near Jugauli Crossing, Faizabad Road, District Lucknow, Uttar Pradesh.						
5. Name of Project	Sand/Morrum Mining						
6. Project location (Plot/Khasra/Gata No.)	Gata No. 747, Khand No. 01						
7. Name of River	Betwa						
8. Name of Village	Pathreta						
9. Tehsil	Kalpi						
10. District	Jalaun						
11. Name of Minor Mineral	Sand/Morrum						
12. Sanctioned Lease Area (in ha)	16.194 ha						
13. Mineable Area (in ha)	16.194 ha						
14. Zero level mRL	95 mRL						
15. Max. & Min. mrl within lease area	103 mRL and 99 mRL						
16. Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillar</th> <th>Latitude (N)</th> <th>Longitude (E)</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>25°52'28.09"N</td> <td>79°48'23.44"E</td> </tr> </tbody> </table>	Pillar	Latitude (N)	Longitude (E)	A	25°52'28.09"N	79°48'23.44"E
Pillar	Latitude (N)	Longitude (E)					
A	25°52'28.09"N	79°48'23.44"E					

E.C. for Riverbed Sand/Masonry Mining Project from Betwa River at Gate No. 747 (Khami No. 011, Village- Pathra, Tehsil- Kalol, District-Jabalpur, Uttar Pradesh, (Sanctioned Lease Area-16.194 Ha), M/s Eureka Mines and Minerals LLP.

		B	25°52'41.58"N	79°48'32.46"E
		C	25°52'37.32"N	79°48'45.41"E
		D	25°52'24.27"N	79°48'33.20"E
17. Total Geological Reserves	16,19,400 m ³			
18. Total Mineable Reserves in LOI	3,23,880m ³ /year			
19. Total Proposed Production	3,23,880 m ³ /year (16,19,400 m ³ in 05 years)			
20. Proposed Production/year	3,23,880 m ³			
21. Sanctioned Period of Mine lease	5 years			
22. Production of mine/day	1,177.74 m ³ /day			
23. Method of Mining	Opencast Semi mechanized			
24. No. of working days	275 days			
25. Working hours/day	12 hours			
26. No. Of workers	Approximately 65 labours			
27. No. Of vehicles movement/day	79 units			
28. Type of Land	Non - Agricultural, Government Waste Land (Revenue land)			
29. Ultimate Depth of Mining	3 m			
30. Nearest metalled road from site	NH 25(Jhansi-Kanpur Highway)- 28.60 km ³ (NW)			
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)		
	Drinking	1.40		
	Suppression of dust	10.88		
	Plantation	0.040		
	Others (Stored water)	0.30		
	Total	12.42 KLD		
32. Name of OGI Accredited Consultant with OGI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.			
33. Any litigation pending against the project or land in any court	None			
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMG Jabalpur. Letter No. 18/Khanij-MMC-30 Issue Date-06/04/2018.			
35. Details of Lease Area in approved DSR	Page No 54; Table No. NIL			
36. Proposed CER cost	2% of total project cost i.e. Rs. 26,98,133/-			
37. Proposed EMP cost/ Total Project Cost	Rs 30,28,436/- & 13,49,06,666/-			
38. Length and Width of Haul Road	Unpaved Length 0.68 km and Paved Length 0.93 km and 6 m width			
39. No. of trees to be Planted	121			

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-I(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 22-10-2018 & 16-11-2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 23/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 3,23,880 m³/year is proposed from mining lease area 16.194 ha subject to effective implementation of the following General Conditions and specific conditions:



E.C. for Sand/Morram Mining Project from Bahra River at Gate No. 747 (S) and No. 031, Village- Pathrata, Tehsil- Khati, District-Jaunpur, Uttar Pradesh. (Sanctioned Lease Area- 14.194 Ha). M/s Kureka Mines and Minerals LLP.

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Morram will not in any way disturb the velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite



E.C. for Riverbed Sand/Mercury Mine Project from Satwa River at Gate No. 747 Ghansia - 091, Village- Pathrata, Tehsil- Keol, District-Jaunpur, Uttar Pradesh. (Sanctioned Lease Area-16.124 Ha), M/s Kunka Mines and Minerals LLP.

- data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
 36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
 37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
 38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
 39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
 40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
 41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical



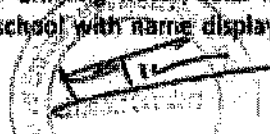
I.C. for Shearbed Sand/Micron Mining Project from Sewa River at Gate No. 747 (Khand No. 01), Village- Pathra, Tehsil- Katal, District-Jalau, Uttar Pradesh. (Sanctioned Lease Area-15.194 Ha). M/A Eureka Mines and Minerals LLP.

health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).

42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
3. Pakka motorable haul road to be maintained by the project proponent.
4. A separate Environmental Management Cell with suitable qualified personnel shall be setup under the control of a Senior Executive, who will report directly to the Head of the Organization.
5. Permission from the competent authority regarding evacuation route should be taken.
6. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
7. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
8. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
9. Provision for cylinder to workers should be made for cooking.
10. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
11. Provide suitable mask to the workers.
12. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
13. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
14. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
15. Provision for two toilets and hand pumps should be made at mining site.
16. Drinking water for workers would be provided by tankers.
17. Mining should be done by Bar scalping methods extraction (typically 0.3-0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
18. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
19. Corporate Environmental Responsibility (CER) plan with minimum Rs. 26,98,123/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and



E.C. for Riverbed Sand/Moram Mining Project from Betwa River at Sata No. 757 (Khand No. 01), Village- Pachra, Tehsil- Kaini, District-Jalaun, Uttar Pradesh. (Sanctioned Lease Area-16.194 Ha). M/s Eureka Mines and Minerals LLP.

- gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Jalaun, U.P.
20. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
 21. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
 22. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
 23. Width of the haul road shall be more than 6 meter.
 24. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
 25. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
 26. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
 27. The Environmental clearance will be co-terminus with the mining lease period.
 28. Project falling with in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
 29. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
 30. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHA and should be submitted to SEIAA/SEAC, Secretariat as earliest.
 31. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha. but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
 32. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a OCL-RABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
 33. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
 34. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
 35. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
 36. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
 37. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
 38. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers



E.C. for Riverbed Sand/Morrum Mining Project from Betwa River at Gaia No.-747 (Block No.- 01), Village- Pathreta, Tehsil- Khatu, District-Jaunpur, Uttar Pradesh. (Sanctioned Lease Area- 15.199 Hect. M/s Eureka Mines and Minerals LLP.

- engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
39. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
 40. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
 41. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
 42. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
 43. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
 44. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
 45. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
 46. Solid waste material viz., guthapouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
 47. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
 48. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
 49. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
 50. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
 51. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
 52. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
 53. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
 54. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 55. Any appeal against this environmental clearance shall be with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
 56. Waste water from potable use be collected and reused for sprinkling.
 57. During the school opening and closing time vehicle movement will be restricted.
 58. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be



E.C. for River bed Sand/Morrum Mining Project from Balesh River at Gola No.-247 (Khand No.-DII, Villages- Patihara, Tehsil-Kahal,
District-Jalaun, Uttar Pradesh, sanctioned Lease Area-16.194 Ha. M/s Eureka Mines and Minerals U.P.

cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along-with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.


(Ashish Tiwari)
Member Secretary, SEIAA

Ref. No. /Parva/SEAC/4512-4384/2018 Dated: As above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Allganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Allganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Jalaun, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.


(Ashish Tiwari)
Member Secretary, SEIAA

Minutes of 354th SEAC Meeting Dated 30/08/2018

36. Proposed CSR cost	5% of total project cost i.e. Rs.7,10,000/-
37. Proposed EMP cost/ Total Project Cost	Rs 35,05,195/- & 1,42,01,000/-
38. Length and Width of Haul Road	700 m Length and 6 m width
39. No. of Trees to be Planted	121

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-02

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.

3. River Bed Sand/Morrum Mining Project at Betwa River at Khand No.-23/19, Village – Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., (Leased Area-12.145 Ha.) M/s Harihar Minerals LLP. File No. 4406/ Proposal No.SIA/UP/MIN/80370/2018

A presentation was made by the project proponent along with their consultant M/s ENV Development Assistance Systems (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

1. The environmental clearance is sought for river bed Sand/Morrum Mining Project at Betwa River at Khand No.-23/19, Village–Bhedi Kharka, Tehsil-Sarila, District-Hamirpur, U.P., (Leased Area-12.145 Ha.) M/s Harihar Minerals LLP.
2. Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/28370/2018
2. File No. allotted by SEIAA, UP	4406-4513
3. Name of Proponent	M/s Harihar Minerals LLP
4. Full correspondence address of proponent and mobile no.	Proprietor- Shri Ram Avatar Singh M/s Harihar Minerals LLP Proprietor- Shri Ram Avatar Singh S/o Shri Tej Ram Singh, R/o H.No. LLP 405 Kha, New Patel Nagar, Near Kalidas School, Tehsil - Orao, District -Jalaun, U.P.
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 23/19
7. Name of River	Betwa
8. Name of Village	Bhedi Kharka
9. Tehsil	Sarila
10. District	Hamirpur
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	12.145 ha
13. Mineable Area (in ha)	9.685 ha
14. Zero level mRL	101 mRL
15. Max. & Min mrl within lease area	106 mRL and 104 mRL
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area

Minutes of 354th SEAC Meeting Dated 30/08/2018

	Points	Latitude	Longitude
	A	25°54'9.05"N	79°49'17.09"E
	B	25°54'10.00"N	79°49'43.54"E
	C	25°54'4.60"N	79°49'46.33"E
	D	25°54'4.23"N	79°49'16.95"E
	Workable Area		
	A	25°54'9.05"N	79°49'17.09"E
	F	25°54'9.76"N	79°49'38.22"E
	E	25°54'4.57"N	79°49'40.95"E
	D	25°54'4.23"N	79°49'16.95"E
	Non Workable Area		
	F	25°54'9.76"N	79°49'38.22"E
	B	25°54'10.00"N	79°49'43.54"E
	C	25°54'4.60"N	79°49'46.33"E
	E	25°54'4.57"N	79°49'40.95"E
17. Total Geological Reserves	6,07,250 m ³		
18. Total Mineable Reserves in LOI	1,94,304 m ³ /year		
19. Total Proposed Production	1,94,304 m ³ /year (9,71,520 m ³ in 05 years)		
20. Proposed Production/year	1,94,304 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	707 m ³ /day		
23. Method of Mining	Opencast Manual & Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	47units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR 4; B: 3.8 km*(W)		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.52
	Suppression of dust		10.2
	Plantation		0.06
	Others (if any)		-
	Total		10.78 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur, Lease No 332/Khang/M/M/C2 Fees Valid (2018-19) dated 15/05/2018		
35. Details of Lease Area in approved DSR	Page No 63; Table No.20		
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,02,000/-		
37. Proposed EMP cost/ Total Project Cost	Rs 30,17,495/- & 1,40,45,000/-		
38. Length and Width of Haul Road	850 m Length and 6 m width		
39. No. of Trees to be Planted	61		

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.

5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-03

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.

4. River Bed Sand/Morrum Mining from River Yamuna in Khand No. 04, Village-Jauharpur, Tehsil & District-Banda, U.P., (Leased Area- 15.0 Ha), M/s Radhika Construction, File No. 4409/ Proposal No.SIA/UP/MIN/28383/2018

A presentation was made by the project proponent along with their consultant M/s Paramarsh (Servicing Environment and Development). The proponent, through the documents submitted and the presentation made, informed the committee that :-

1. The environmental clearance is sought for River Bed Sand/Morrum Mining from River Yamuna in Khand No. 04, Village-Jauharpur, Tehsil & District-Banda, U.P., (Leased Area- 15.0 Ha), M/s Radhika Construction.
2. Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/28383/2018		
2. File No. allotted by SEIAA, UP	4409		
3. Name of Proponent	M/s Radhika Construction Shri Rakesh Tiwari S/o Shri Kamta Prasad		
4. Full correspondence address of proponent and mobile no.	R/o Second Floor, H. No. 14, Indira Nagar Colony, District - Banda, Uttar Pradesh		
5. Name of Project	Sand/morrum Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Khand No 4 at Village – Jauharpur Tehsil- Banda, District- Banda, U. P.		
7. Name of River	Yamuna		
8. Name of Village	Jauharpur		
9. Tehsil	Banda		
10. District	Banda		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	15.0 ha		
13. Mineable Area (in Ha.)	12.07 ha		
14. Zero level mRL	86.00		
15. Max. & Min mrl within lease area	Highest mRL is 99.90 Lowest mRL is 86.5		
16. Pillar Coordinates (Verified by DMO)	Pillar No	Latitude	Longitude
	A	25° 43' 3.54"N	80° 33' 48.12"E
	B	25° 43' 8.46"N	80° 33' 41.28"E
	C	25° 43' 26.58"N	80° 33' 51.36"E
	D	25° 43' 21.12"N	80° 33' 58.26"E
17. Total Geological Reserves	5,31,045 m3		
18. Total Mineable Reserves in LOI	3,00,000 m3		
19. Total Proposed Production	3,19,812 m3/annum		
20. Proposed Production/year	3,19,812 m3/annum		

Annexure-1

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Regional combined EMP study should be carried out.
3. Regional combined area of homogeneous leases in cluster situation should be verified by DMO.
4. ~~Certificate from Mining Officer that there is no other mining area exist within 500m periphery.~~
5. CER cost to be calculated for individual lease.
6. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
7. The lab conducting the analysis should be authenticated and registered.
8. Public hearing to be conducted as per EIA Notification, 2006.
9. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
10. Approved mining plans for all the mining projects.
11. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
12. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
13. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
14. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
15. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
16. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
17. Impact of change of land use should be given.
18. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
19. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
20. 02 km kachcha haul road to be made motorable. Submit Plan.

21. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
22. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
23. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
24. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
25. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
26. Details of water conservation measures proposed to be adopted in the projected should be given.
27. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
28. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
29. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
30. Details of rainwater harvesting proposed, if any, in the project should be provided.
31. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
32. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
33. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
34. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should covered.
35. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
36. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
37. Phase-wise plan of green belt development, plantation and compensatory afforestation should be

- charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
38. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 39. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 40. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 41. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 42. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 43. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 44. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 45. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 46. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 47. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in ELA report.
 48. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 49. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 50. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed ELA reports.

2. River Bed Sand / Morrum Mining Project at Betwa River at Khand No.-26/3, Village – ChandwariGhurouli, Tehsil- Sarila, District- Hamirpur, U.P., (Leased Area-24.291 Ha.) M/s New Eoan Associates. File No. 4404/ Proposal No.SIA/UP/MIN/ /2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposal for conducting EIA studies amending Annexed TOR point no. 7 which should be read as-

"The lab conducting the analysis should be NABL accredited or MoEF&CC approved".

The SEIAA also added the following points to TOR:-

- 1- All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
- 2- Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
- 3- MOU signed between the project proponent and the consultant should be submitted.

3. River Bed Sand/Morrum Mining Project at Betwa River at Khand No.-23/19, Village – BhediKharka, Tehsil- Sarila, District- Hamirpur, U.P., (Leased Area-12.145 Ha.) M/s Harihar Minerals LLP. File No. 4406/ Proposal No.SIA/UP/MIN/80370/2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposal for conducting EIA studies amending Annexed TOR point no. 7 which should be read as-

"The lab conducting the analysis should be NABL accredited or MoEF &CC approved".

The SEIAA also added the following points to TOR:-

- 1- All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
- 2- Copy of all the analysis reports signed by analyst approved by NABL or MoEF &CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
- 3- MOU signed between the project proponent and the consultant should be submitted.

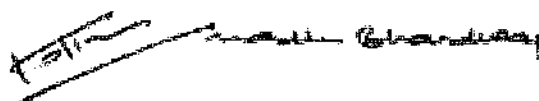
4. River Bed Sand/Morrum Mining from River Yamuna in Khand No. 04, Village-Jauharpur, Tehsil & District-Banda, U.P., (Leased Area- 15.0 Ha), M/s Radhika Construction, File No. 4409/ Proposal No.SIA/UP/MIN/28383/2/18

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposal for conducting EIA studies amending Annexed TOR point no. 7 which should be read as-

"The lab conducting the analysis should be NABL accredited or MoEF&CC approved".

The SEIAA also added the following points to TOR:-

- 1- All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.





- number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Kanpur Dehat, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
 - 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
 - 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
 - 21- Width of the haul road shall be more than 6 meter.
 - 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

6. Proposed Riverbed Sand/Morrum Mining Project from Ken River of M/s Eureka Mines and Minerals LLP located at Gata No.-747 (Khand No.- 01), Village- Pathreta, Tehsil- Kalpi, District-Jalaun, Uttar Pradesh. Sanctioned Lease Area-40.02 Ha File No. 4512 / 4384/Proposal No. SIA/UP/MIN/29419/2018

RESOLUTION AGAINST AGENDA NO-06

This case will take up on dated 22/10/2018.

7. Proposed River Bed Sand/Morrum Mining Project at Betwa River located at Khand No.-23/19, Village-Bhedi Kharka, Tehsil-Sarila, District- Hamirpur, U.P., M/s Harihar Minerals LLP, Leased Area-12.145 Ha File No. 4513/4406/Proposal No. SIA/UP/MIN/29422/2018

RESOLUTION AGAINST AGENDA NO-07

This case will take up on dated 22/10/2018.

8. Sand/Morrum Mine on Ken River at Khand No.- 4881, 4880, 4834, 4824 Kha, Village- Durendi, Tehsil- Banda, District- Banda, U.P., Shri Rajkumar Gupta, Lease Area: 27.0 ha, File No. 4180/Proposal No. SIA/UP/MIN/23031/2018

A presentation was made by the project proponent alongwith their consultant M/s Greencindia Consulting Private Limited. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Sand/Morrum Mine on Ken River at Khand No.- 4881, 4880, 4834, 4824 Kha, Village- Durendi, Tehsil- Banda, District- Banda, U.P., (Leased Area: 27.00.00 ha).
2. Terms of reference in the matter were issued through SEIAA letter dated 11/07/2018.
3. The public hearing was organized on 11/09/2018.
4. EIA was submitted by the project proponent through letter dated 05/10/2018.
5. Salient features of the project as submitted by the project proponent:

11. Proposed River Bed Sand / Morrum Mining Project at Betwa River located at Khand No.-23/19, Village-Bhedli Kharka, Tehsil-Sarila, District- Hamirpur, U.P., M/s Harihar Minerals LLP, Leased Area-12.145 Ha File No. 4513/4406/Proposal No. SIA/UP/MIN/29422/2018

The SEIAA gone through the recommendation of SEAC to grant E.C. with the general and specific conditions. The SEIAA also gone through the file and noted that the case was earlier recommended by SEAC in its meeting dated 22-10-2018 for grant of EC with the comments that-

"The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting. The committee also decided that if complaints lodged by Mr. Amorjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled"

The SEIAA also noted that this matter was taken in its earlier meeting dated 16-11-2018 and was referred back to SEAC since it did not find it appropriate to issue E.C. in view of the above comments. In the mean time Hon'ble NGT ordered dated 13-11-2018 in MA no.-1622/2018 of OA no.-912/2018 that-

3. *"We are of the view that this objection may be considered in the joint committee of SEIAA and SEAC in accordance with law before a decision is taken in the matter. If this objection is rejected, the reasons may be given. The applicant will be at liberty to raise this objection before the committee."*

In compliance to the said order of NGT dated 13-11-2018 a joint meeting of SEAC and SEIAA was held on 14-11-2018 in which it was decided that the SEAC will again carryout appraisal of this project on the basis of individual EIA. SEAC has again carried out appraisal in its meeting dated 16-11-2018 and has recommended to grant EC with certain general and specific conditions.

The SEIAA gone through the recommendation of SEAC dated 16-11-2018 to grant EC wherein it has mentioned that the Project proponent has submitted individual EIA and also made a presentation before SEAC.

Keeping in view of the recommendation of SEAC dated 16-11-2018 again to grant EC to the titled project, SEIAA decided to go with the recommendation of SEAC along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied".

Directorate of Environment, U.P.

Vineet Khand-I, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : dneupika@yahoo.com

Website : www.seaazup.in

To,

Shri Ram Avatar Singh,
S/o Shri Tej Ram Singh,
Owner,
LLP 405 Kha, New Patel Nagar, Near Kalidas School,
Tehsil- Orai, District- Jalaun, U.P.

Ref. No. 520 /Parya/SEAC/4513-4406/2018Date: 24 November, 2018

Sub: Environmental Clearance for River Bed Sand / Morrums Mining Project at Betwa River at Khand No.-23/19, Village - Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., (Leased Area-12.145 Ha), M/s Harihar Minerals LLP.

Dear Sir,

Please refer to your application/letter dated 23-07-2018, 25-07-2018, 05-10-2018, 15-10-2018 & 22-10-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 22/10/2018 & 16-11-2018.

A brief presentation was also made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for River Bed Sand / Morrums Mining Project at Betwa River at Khand No.-23/19, Village - Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., (Leased Area-12.145 Ha), M/s Harihar Minerals LLP.
2. The public hearing was organized on 19/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/29422/2018 (Old SIA/UP/MIN/28370/2018)																
2. File No. allotted by SEIAA, UP	4513/4406																
3. Name of Proponent	M/s Harihar Minerals LLP Proprietor- Shri Ram Avatar Singh																
4. Full correspondence address of proponent and mobile no.	M/s Harihar Minerals LLP Proprietor- Shri Ram Avatar Singh S/o Shri Tej Ram Singh, R/o H.No. LLP 405 Kha, New Patel Nagar, Near Kalidas School, Tehsil - Orai, District - Jalaun, U.P.																
5. Name of Project	Sand/Morrums Mining																
6. Project location (Plot/Khasra/Gata No.)	Khand No. 23/19																
7. Name of River	Betwa																
8. Name of Village	Bhedi Kharka																
9. Tehsil	Sarila																
10. District	Hamirpur																
11. Name of Minor Mineral	Sand/Morrums																
12. Sanctioned Lease Area (in ha)	12.145 ha																
13. Mineable Area (in ha)	9.685 ha																
14. Zero level mRL	101 mRL																
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16. Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th colspan="3">Sanctioned Area</th> </tr> <tr> <th>Points</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>25°54'9.05"N</td> <td>79°49'17.09"E</td> </tr> <tr> <td>B</td> <td>25°54'10.00"N</td> <td>79°49'43.54"E</td> </tr> <tr> <td>C</td> <td>25°54'4.60"N</td> <td>79°49'46.33"E</td> </tr> </tbody> </table>		Sanctioned Area			Points	Latitude	Longitude	A	25°54'9.05"N	79°49'17.09"E	B	25°54'10.00"N	79°49'43.54"E	C	25°54'4.60"N	79°49'46.33"E
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C	25°54'4.60"N	79°49'46.33"E															

	D	25°54'4.23"N	79°49'16.95"E
	Workable Area		
	A	25°54'9.05"N	79°49'17.09"E
	F	25°54'9.76"N	79°49'38.22"E
	E	25°54'4.57"N	79°49'40.95"E
	D	25°54'4.23"N	79°49'16.95"E
	Non Workable Area		
	F	25°54'9.76"N	79°49'38.22"E
	B	25°54'10.00"N	79°49'43.54"E
	C	25°54'4.60"N	79°49'46.33"E
	E	25°54'4.57"N	79°49'40.95"E
17. Total Geological Reserves	6 07,250 m ³		
18. Total Mineable Reserves in LOI	1 94,304 m ³ /year		
19. Total Proposed Production	1 94,304 m ³ /year (9,71,520 m ³ in 05 years)		
20. Proposed Production/year	1,94,304 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	707 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 62 labours		
27. No. Of vehicles movement/day	47units		
28. Type of Land	Non - Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	NH 81B: 3.8 km ^W		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		1.22
	Suppression of dust		21.12
	Plantation		0.030
	Others (Stored water)		0.10
	Total		22.47 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/CIA/1720/RA 0070 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Harnipur Letter No.332/khamij-M-M-C- Tees- Vividh (2018-19) dated 15/05/2018		
35. Details of Lease Area in approved OSP	Page No 63; Table No.20		
36. Proposed CER cost	2% of total project cost i.e. Rs.20,61,713/-		
37. Proposed EMP cost/ Total Project Cost	Rs 43,90,821/- & 10,30,85,656/-		
38. Length and Width of Haul Road	Unpaved Length 1.32 km and Paved Length 6.91 km and 6 m width		
39. No. of Trees to be Planted	91		

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project
8. The project proposal falls under category - II(a) of EIA Notification, 2006 (as amended).

(Handwritten Signature)

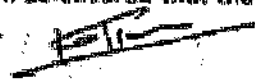
Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 22-10-2018 & 16-11-2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 23/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 1,94,304 m³/year is proposed from mining lease area 12.145 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.



22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.



40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated: 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. Pakka motorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods-extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.

18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 41,10,908/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA, III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
19. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHA and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C. issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.



36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., guthkhpouches, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.



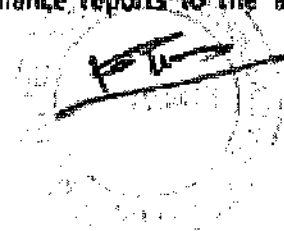
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along-with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2005, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.



(Ashish Tiwari)

Member Secretary, SEIAA

Ref. No. Parva/SEAC/4513-4406/2018 Dated: As above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.

(Ashish Tiwari)

Member Secretary, SEIAA

Minutes of 367th SEAC Meeting Dated 23/10/2018

- 20- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 21- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 22- Width of the haul road shall be more than 6 meter.
- 23- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

5. Proposed Riverbed Sand/Morrum Mining Project from Ken River of M/s Chaudhary Int Udyog located at Gata No. 04(Block-17), Village-Sadi Khadar, Tehsil- Pailani, District-Banda, Uttar Pradesh. Sanctioned Lease Area-13 Ha. File No. 4335/Proposal No. SIA/UP/MIN/27745/2018

The committee discussed the matter in 358th SEAC meeting dated 13/09/2018, wherein, the project proponent was directed as follows:

“The committee noted that the signature in authority letter not verified by the project proponent/authorized authority, hence the committee directed to list the matter after submission of valid authorization letter.”

The project proponent submitted their replies through letter dated 05/10/2018. A presentation was made by the project proponent along with their consultant M/s DAS India Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for proposed River bed Sand/Morrum Mining Project from Ken River at Gata No.-04, (Block-17), Village-Sadi Khadar, Pailani, District- Banda, U.P., (Leased Area-13 Ha).
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/27745/2018		
2. File No. allotted by SEIAA, UP	4335		
3. Name of Proponent	M/s Chaudhary Int Udyog Proprietor - Shri Balkrishan Sharma		
4. Full correspondence address of proponent and mobile no.	M/s Chaudhary Int Udyog Proprietor- Shri Balkrishan Sharma S/o Shri Ramjilal Sharma R/o Village - Badfara Road Ambah, Tehsil - Ambah, District - Muraina, M.P.		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 04 (Block No. 17)		
7. Name of River	Ken River		
8. Name of Village	Sadi Khadar		
9. Tehsil	Pailani		
10. District	Banda		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	13.0 ha		
13. Mineable Area (in ha)	13.0 ha		
14. Zero level mRL	87 mRL		
15. Max. & Min mrl within lease area	96 mRL and 93 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		

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	A	25°42'24.68"N	80°20'14.09"E
	B	25°42'28.44"N	80°20'16.25"E
	C	25°42'5.99"N	80°20'44.62"E
	D	25°42'3.83"N	80°20'37.78"E
17. Total Geological Reserves	6,50,000 m ³		
18. Total Mineable Reserves in LOI	2,60,000 m ³ /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	2,60,000 m ³ /year (13,00,000 m ³ in 05 years)		
20. Proposed Production/year	2,60,000 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	94.545 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	105 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR(Pailani – Sumerpur Marg) : 6.5 km* (SE)		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.52
	Suppression of dust		7.98
	Plantation		0.03
	Others (if any)		-
	Total		8.53 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	El IV Development Assistance Systems (I) Pvt. Ltd. N ΔBET/BIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster Certificate issued by Mines Officer, Banda Letter No. 1263/Khanit-30, Banda dated 07/06/2018.		
35. Details of Lease Area in approved DSR	Page No 65; Table No. 22		
36. Proposed CSR cost	5% of total project cost i.e. Rs 7,02,000/-		
37. Proposed EMP cost & Total Project Cost	Rs. 30,36,675/- & Rs. 1,40,56,000/-		
38. Length and Width of Haul Road	1330 m Length and 6 m width		
39. No. of Trees to be Planted	65		

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-05

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.

Annexure-3

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. ~~Certificate from Mining Officer that there is no other mining area exist within 500 m periphery~~
3. CER cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and

- NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the predominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
 21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the project should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be

- charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed in EIA reports.

2. Sand Mining at Ganga River bed, Gate No.- 13Mi over an are of 5.3660 Ha. Village Manpur Ahatmali, Tehsil Beeghapur Distt: Unnao., U.P. File No. 4151/Proposal No. SIA/UP/MIN/73652/2018

The SEIAA agreed with the recommendations of the SEAC to close the file and open it only when online request would be received on portal since the PP did not appear for presentation.

3. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.- 24/9, Village- Chikasi, Tehsil- Sarila, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha. M/s Satyam Constructions. File No. 4437/Proposal No. SIA/UP/MIN/28562/2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposal for conducting EIA studies. The SEIAA also added the following points to TOR:-

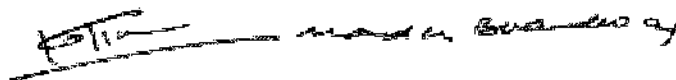
- 1- All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
 - 2- Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
 - 3- MOU signed between the project proponent and the consultant should be submitted.
4. Sand/Moram Mining at Ghaghra/Saryu River Bed at Gate No.- 830 mi, 831mi, 832mi. Village- Manjha Ajmeri Badshahpur, Tehsil-Tanda, District-Ambedkar Nagar, U.P. (Leased Area- 5.5 Ha.). File No. 4400/ Proposal No.SIA/UP/MIN/75851/2018

The SEIAA noted that the above project was recommended by SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC. The SEIAA also noted that in LOI and the application the address is mentioned as Gate No.- 830 mi, 831mi, 832mi, Village-Manjha Ajmeri Badshahpur, Tehsil-Tanda, District-Ambedkar Nagar, whereas in amended DSR dated 07-04-2018 the address is mentioned that Gate No.- 830, 831, 832, Village- Ajmeri Badshahpur, Tehsil-Tanda, District-Ambedkar Nagar. Hence the project proponent should submit a clarification regarding the above.

5. Proposed Riverbed Sand/Morrum Mining Project from Ken River of M/s Chaudhary Int Udyog located at Gate No. 04(Block-17), Village-Sadi Khadar, Tehsil- Pailani, District-Banda, Uttar Pradesh. Sanctioned Lease Area-13 Ha. File No. 4335/Proposal No. SIA/UP/MIN/27745/2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposal for conducting EIA studies. The SEIAA also added the following points to TOR:-

- 1- All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.



- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs . 35,27,000/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Kaushambi, U.P.
- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

12. Proposed Riverbed Sand/Morrum Mining Project from Ken River of M/s Chaudhary Int Udyog located at Gata No. 04 (Block-17), Village-Sadi Khadar, Tehsil- Pailani, District-Banda, U. P. Lease Area-13 Ha File No. 4335/Proposal No. SIA/UP/MIN/29573/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for proposed Riverbed Sand/Morrum Mining Project from Ken River at Gata No. 04 (Block-17), Village-Sadi Khadar, Tehsil- Pailani, District-Banda, U. P. Lease Area-13 Ha, M/s Chaudhary Int Udyog
2. The public hearing was organized on 26/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/29573/2018
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Minutes of 372nd SEAC Meeting Dated 16/11/2018

2. File No. allotted by SEIAA, UP	4335		
3. Name of Proponent	M/s Chaudhary Int Udyog Proprietor- Shri Balkrishan Sharma		
4. Full correspondence address of proponent and mobile no.	M/s Chaudhary Int Udyog Proprietor- Shri Balkrishan Sharma S/o Shri Ramjilal Sharma R/o Village - Badfara Road Ambah, Tehsil - Ambah, District - Muraina, M.P.		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	G: ta No. 04 (Block No. 17)		
7. Name of River	K.n River		
8. Name of Village	Sadi Khadar		
9. Tehsil	Pailani		
10. District	Banda		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	13.0 ha		
13. Mineable Area (in ha)	13.0 ha		
14. Zero level mRL	87 mRL		
15. Max. & Min mrl within lease area	96 mRL and 93 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°42'24.68"N	80°20'14.09"E
	B	25°42'28.44"N	80°20'16.25"E
	C	25°42'5.99"N	80°20'44.62"E
D	25°42'3.83"N	80°20'37.78"E	
17. Total Geological Reserves	6,00,000 m ³		
18. Total Mineable Reserves in LOI	2,60,000 m ³ /year		
19. Total Proposed Production	2,60,000 m ³ /year (13,00,000 m ³ in 05 years)		
20. Proposed Production/year	2,60,000 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	945.45 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 64 labours		
27. No. Of vehicles movement/day	63units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR(Pailani – Sumerpur Marg) : 6.5 km* (SE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.30	
	Suppression of dust	47.4	
	Plantation	0.0325	
	Others (Stored water)	0.10	
Total	48.83 KLD		
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster Certificate is issued by Mines Officer, Banda Letter No: 2617/Khamrj-30, Banda dated 09.10.2018.		
35. Details of Lease Area in approved DSR	Page No 65; Table No. 22		
36. Proposed CER cost	2% of total project cost i.e. Rs 25,25,960/-		
37. Proposed EMP cost & Total Project Cost	Rs. 80,13,953/- & Rs. 12,62,00,000/-		

38. Length and Width of Haul Road	Unpaved Length 3.95 km and Paved Length 8.58 km and 6 m width
39. No. of Trees to be Planted	97

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-12

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 1 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:

- 1- Pakkamotorable haul road to be maintained by the project proponent.
- 2- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 25,25,960/- shall be prepared by the project proponent and the details of the various heads of expenditure to be

submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Banda, U.P.

- 18- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 19- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CBR.
- 20- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

13. River Bed Sand Mining Project from Yamuna River of M/s Eureka Mines and Minerals LLP located at Gata No.-1598 Cha, Village- Samuhi, Tehsil- Ghatampur, District- Kanpur Nagar, (L A-27.5 Ha) File No. 4050/Proposal No. SIA/UP/MIN/21868/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for river Bed Sand Mining Project from Yamuna River at Gata No.-1598 Cha, Village- Samuhi, Tehsil- Ghatampur, District- Kanpur Nagar, (Leased Area- 27.5 Ha), M/s Eureka Mines and Minerals LLP.
2. Terms of reference in the matter were issued through SEIAA letter dated 11/04/2018.
3. The public hearing was organized on 10/10/2018.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/21868/2018
2. File No. allotted by SEIAA, UP	4050
3. Name of Proponent	M/s Eureka Mines and Minerals LLP Proprietor- Shri Chandershekhar Chaurasia
4. Full correspondence address of proponent and mobile no.	M/s Eureka Mines and Minerals LLP Proprietor- Shri Chandershekhar Chaurasia S/o Shri Deen Dayal Chaurasia, R/o H.No. 28, Brahmपुरi Colony, Near Jugauli Crossing, Faizabad Road, District Lucknow, Uttar Pradesh.
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Gata No. 1598 cha
7. Name of River	Yamuna
8. Name of Village	Samuhi
9. Tehsil	Ghatampur
10. District	Kanpur Nagar
11. Name of Minor Mineral	Sand/Morrum

Annexure-1

**GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM
MINING PROPOSALS**

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.

18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.

34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of

the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.

15. The critical parameters such as PM10, PM2.5, SO₂ and NO_x in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO₂ and NO_x. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

- 10. Proposed River Bed Sand/Morrum Mining Project from Yamuna River for M/s Chaudhary Traders, located at Khand No.- 7, 17, 18, 21, 23, 25, 27, 28, 29, 30, 35, 37, 38, 40, 177, 176 Mi, Village- Amlaur Khadar, Tehsil- Pailani, District- Banda, U.P., Sanctioned Lease Area: 25.29 ha. File No. 4227/Proposal No. SIA/UP/MIN/25126/2018**

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

- 11. Proposed Riverbed Sand/Morrum Mining Project from Yamuna River at Khand No.-14/5 & 14/6 (Area: 24.28 Ha) located at Village - Dedhawal, Tehsil -Manihampur, District - Kaushmbhi, U.P., Lease Area - 24.28 Ha. File No. 4325/Proposal No. SIA/UP/MIN/26243/2018**

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

- 12. Proposed Riverbed Sand/Morrum Mining Project from Ken River of M/s Chaudhary Int Udyog located at Gata No. 04 (Block-17), Village-Sadi Khadar, Tehsil- Pailani, District- Banda, U. P. Lease Area-13 Ha File No. 4335/Proposal No. SIA/UP/MIN/29573/2018**

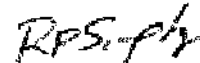
The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

- 13. River Bed Sand Mining Project from Yamuna River of M/s Eureka Mines and Minerals LLP located at Gata No.-1598 Cha, Village- Samuh, Tehsil- Ghatampur, District- Kanpur Nagar, (L.A-27.5 Ha) File No. 4050/Proposal No. SIA/UP/MIN/21868/2018**

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".







2. Sand Mining at Ganga River bed, Gata No-. 13Mi over an are of 5.3660 Ha, Village Manpur Ahatmali, Teshil Beeghapur Distt: Unnao., U.P. File No. 4151/Proposal No. SIA/UP/MIN/73652/2018

RESOLUTION AGAINST AGENDA NO-02

The project proponent did not appear. The committee discussed and deliberated that project file should be closed and be opened only after request from the project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online request on prescribed online portal.

3. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-24/9, Village- Chikasi, Tehsil- Sarila, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha, M/s Satyam Constructions. File No. 4437/Proposal No. SIA/UP/MIN/28562/2018

The committee discussed the matter in 359th SEAC meeting dated 14/09/2018, wherein, the project proponent was directed to submit following information:

- 1- Form -1 uploaded was in the name of Satya Gupta but PAN and Aadhaar submitted was of Saurabh Gupta.
- 2- There was overwriting in geo coordinates on lease map.
- 3- Proponent authority letter was not submitted by the proponent.
- 4- Salient feature should be submitted with photo affidavit.
- 5- Workable, submerged and total area should be verified by DMO with geo coordinates and submitted along with EIA report.

The project proponent submitted their replies through letter dated 08/10/2018. A presentation was made by the project proponent along with their consultant M/s DAS India Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.-24/9, Village-Chikasi, Tehsil-Sarila, District-Hamirpur, U.P., (Sanctioned Lease Area-36.437 Ha.), M/s Satyam Constructions.
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/28562/2018
2. File No. allotted by SEIAA, UP	4437
3. Name of Proponent	M/s Satyam Construction Authorized Signatory - Shri Saurabh Gupta
4. Full correspondence address of proponent and mobile no.	M/s Satyam Construction Proprietor- Shri Saurabh Gupta S/o Shri Urmila Charan Gupta, R/o H.No. 944, Civil Line, Tehsil - Jhansi, District - Jhansi, Uttar Pradesh
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 24/9
7. Name of River	Betwa
8. Name of Village	Chikasi
9. Tehsil	Sarila
10. District	Hamirpur
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	36.437 ha
13. Mineable Area (in ha)	36.437 ha

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14. Zero level mRL	109 mRL		
15. Max. & Min mrl within lease area	118 mRL and 113 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	25°51'24.12"N	79°29'41.99"E
	B	25°51'28.61"N	79°29'59.75"E
	C	25°51'1.49"N	79°30'2.16"E
	D	25°50'58.27"N	79°29'51.06"E
17. Total Geological Reserves	18,21,850 m ³		
18. Total Mineable Reserves in LOI	7,28,640 m ³ /year		
19. Total Proposed Production	7,28,640 m ³ /year (36,43,200 m ³ in 05 years)		
20. Proposed Production/year	7,28,640 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2650 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	177 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 21 (Rath- Orai Marg) : 7.0 km* (West)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	18.0	
	Plantation	0.09	
	Others (if any)	-	
Total	15.10 KLD		
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur, Jharkhand No. 31/44thang-M-VI-C-Feas-viwidth (2018-19) dated 12/09/2018.		
35. Details of Lease Area in approved DSR	Page No 63; Table No.20		
36. Proposed CER cost	2% of total project cost i.e. Rs.2,87,000/-		
37. Proposed EMP cost/ Total Project Cost	Rs 35,97,690/- & 1,43,59,000/-		
38. Length and Width of Haul Road	1500 m Length and 6 m width		
39. No. of Trees to be Planted	182		

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-03

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.

Annexure-3

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. ~~Certificate from Mining Officer that there is no other mining area exist within 500 m periphery.~~
3. CER cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their require nent and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and

- NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
 21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the project should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be

- charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

2. Sand Mining at Ganga River bed, Gata No.- 13Mi over an are of 5.3660 Ha, Village Manpur Akhatmail, Tehsil Beeghapur Distt: Unnao., U.P. File No. 4151/Proposal No. SIA/UP/MIN/73652/2018

The SEIAA agreed with the recommendations of the SEAC to close the file and open it only when online request would be received on portal since the PP did not appear for presentation.

3. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.- 24/9, Village- Chikasi, Tehsil- Sarila, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha, M/s Satyam Constructions, File No. 4437/Proposal No. SIA/UP/MIN/28562/2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposal for conducting EIA studies. The SEIAA also added the following points to TOR:-

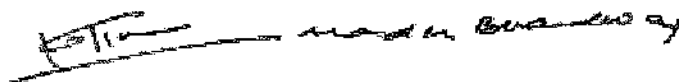
- 1- All pages of technical documents/EIA/IMP etc. should be signed by the consultant and project proponent both.
 - 2- Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
 - 3- MOU signed between the project proponent and the consultant should be submitted.
4. Sand/Moram Mining at Ghaghra/Saryu River Bed at Gata No.- 830 mi, 831mi, 832mi, Village- Manjha Ajmeri Badshahpur, Tehsil-Tanda, District-Ambedkar Nagar, U.P. (Leased Area- 5.5 Ha.), File No. 4400/ Proposal No.SIA/UP/MIN/75851/2018

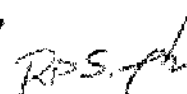
The SEIAA noted that the above project was recommended by SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC. The SEIAA also noted that in LOI and the application the address is mentioned as Gata No.- 830 mi, 831mi, 832mi, Village-Manjha Ajmeri Badshahpur, Tehsil-Tanda, District-Ambedkar Nagar, whereas in amended DSR dated 07-04-2018 the address is mentioned that Gata No.- 830 , 831, 832, Village- Ajmeri Badshahpur, Tehsil-Tanda, District-Ambedkar Nagar. Hence the project proponent should submit a clarification regarding the above.

5. Proposed Riverbed Sand/Morrum Mining Project from Ken River of M/s Chaudhary Int Udyog located at Gata No. 04(Block-17), Village-Sadi Khadar, Tehsil- Pallani, District-Banda, Uttar Pradesh. Sanctioned Lease Area-13 Ha. File No. 4335/Proposal No. SIA/UP/MIN/27745/2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposal for conducting EIA studies. The SEIAA also added the following points to TOR:-

- 1- All pages of technical documents/EIA/IMP etc. should be signed by the consultant and project proponent both.





- 2- Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
 - 3- MOU signed between the project proponent and the consultant should be submitted.
6. Proposed Riverbed Sand/Morrum Project from Ken River located at Gata No. 165, 166 and 174, Block No. 20 (Area 14.0 Ha) located at Village padohra Khadar, Tehsil Pallane, & District Banda, Uttar Pradesh. File No. 4428/Proposal No.SIA/UP/MIN/76021/2018

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC but the SEIAA replaces the specific conditions no-2 of annexure-2 as "If in future during the progressive mining this lease area becomes part of cluster i.e. area equal to or more than 25 ha., limited to B-1 category, then additional conditions based on the EIA conducted by the concerned lease holders shall be imposed and joint EMP shall be implemented. The lease holder shall mandatorily follow all the imposed conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per the law shall be initiated against the authority issuing the cluster certificate".

7. Proposed Sand/Morrum Mining Project at Ganga River Bed located at Khand No.- 1, Gata No.- 1 of Area- 9.879 Ha (24.41 Acres), Village- Uchagaon Khadar, Tehsil- Dibal, District- Bulandshahar, Uttar Pradesh. Sanctioned Lease Area-9.879 Ha. File No. 4374/Proposal No.SIA/UP/MIN/27950/2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposal for conducting EIA studies. The SEIAA also added the following points to TOR:-

- 1- All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
- 2- Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
- 3- MOU signed between the project proponent and the consultant should be submitted.

8. Proposed Sand/Morrum Mining Project at Ganga River Bed located at Khand No.- 1, Gata No.- 2/1 of Area- 7.4 Ha (18.278 Acres), Village- Uchagaon Khadar, Tehsil- Dibal, District- Bulandshahar, Uttar Pradesh. Sanctioned Lease Area-7.4 Ha. File No. 4373/Proposal No. SIA/UP/MIN/27944/2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposal for conducting EIA studies. The SEIAA also added the following points to TOR:-



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RPS/ih

Minutes of 369th SEAC Meeting Date 02/11/2018

The 369th meeting of SEAC was held in Directorate of Environment, U.P. on 02/11/2018 following members were present in the SEAC:

1.	Dr. (Prof.) S.N. Singh,	Chairman
2.	Dr. Sarita Sinha,	Member
3.	Dr. Virendra Misra,	Member
4.	Dr. Pramod Kumar Mishra,	Member
5.	Dr. Richhpal Singh Sangu,	Member
6.	Shri Ramesh Chand Kataria,	Member
7.	Shri Meraj Uddin,	Member
8.	Shri Rajive Kumar,	Member

The Chairman welcomed the members to the 369th SEAC meeting.

The SEAC unanimously took following decisions on the agenda points discussed:

1. **Sand/Morrum Mining from Betwa River Gata no. 240 Khand no.5, Vill: Himanpura, Tehsil Kalpi, Distt: Jalain, U.P. Lease Area 16.194 ha. File No. 4157/Proposal No. SIA/UP/MIN/ 22642/2018**

RESOLUTION AGAINST AGENDA NO-01

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

2. **Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-24/9, Village- Chikasi, Tehsil- Sarila, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha, M/s Satyam Constructions. File No. 4437/Proposal No. SIA/UP/MIN/29522/2018**

RESOLUTION AGAINST AGENDA NO-02

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

3. **Proposed Riverbed Sand/Morrum Mining Project from Betwa River of M/s Disha Enterprises located at 24/14, Village-Chikasi, Tehsil-Sarila, District-Hamirpur, Uttar Pradesh, Sanctioned Area - 36.437 ha. File No. 4528/4439/Proposal No. SIA/UP/MIN/29523/2018**

RESOLUTION AGAINST AGENDA NO-03

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

With The Permission of Chairman

1. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-24/9, Village- Chikasi, Tehsil- Sarila, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha, M/s Satyam Constructions, File No. 4437/Proposal No. SIA/UP/MIN/29522/2018

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition-"Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

2. Proposed Riverbed Sand/Morrum Mining Project from Betwa River of M/s Disha Enterprises located at 24/14, Village-Chikasi, Tehsil-Sarila, District-Hamirpur, Uttar Pradesh, Sanctioned Area - 36.437 ha, File No. 4528/4439/Proposal No. SIA/UP/MIN/29523/2018

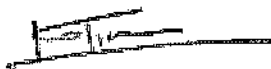
The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition-"Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

3. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-23/12, Village- Bhedi Kharka, Tehsil- Sarila, District-Hamirpur, U.P., Sanctioned Lease Area-12.145 Ha, M/s Yadav and Sons, File No. 4529/4429/Proposal No. SIA/UP/MIN/29521/2018

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition-"Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

4. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-19/4, Village- Teekapur, Tehsil- Maudaha, District-Hamirpur, U.P., Sanctioned Lease Area-29.554 Ha, M/s Kanhayan Lal And Sons, File No. 4531/4420/Proposal No. SIA/UP/MIN/29514/2018

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition-"Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".






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State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Waste Khand-1, Ganga Nagar, Lucknow - 226 018

Phone : 91-522-2300 541, Fax : 91-522-2300 549

E-mail : deaeplh@yuboo.com

Website : www.seiiaup.in

To,

Shri Saurabh Gupta,
S/o Shri Urmila Charan Gupta,
H.No- 944, Civil Line, Tehsil- Jhansi,
District- Jhansi, U.P- 284001

Ref. No. 944 /Parys/SEAC/4437/2018

Date: 24 November, 2018

Sub: Environmental Clearance for Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.- 24/9, Village- Chikasi, Tehsil- Sarila, District-Hamirpur, U.P., (Leased Area-36.437 Ha.), M/s Satyam Constructions.

Dear Sir,

Please refer to your application/letter dated 03-08-2018, 13-08-2018, 08-10-2018, 12-10-2018, 31-10-2018 & 01-10-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 14/11/2018.

A presentation was made by the project proponent along with their consultant M/s ENV OAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for proposed Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.-24/9, Village- Chikasi, Tehsil- Sarila, District-Hamirpur, U.P., (Leased Area-36.437 Ha.), M/s Satyam Constructions.
- 2- Public hearing was organized on 05/10/2018.
- 3- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/28562/2018		
2. File No. allotted by SEIAA, UP	4437		
3. Name of Proponent	M/s Satyam Construction Authorized Signatory - Shri Saurabh Gupta		
4. Full correspondence address of proponent and mobile no.	M/s Satyam Construction Proprietor- Shri Saurabh Gupta S/o. Shri Urmila Charan Gupta, R/o H.No. 944, Civil Line, Tehsil - Jhansi, District - Jhansi, U.P.		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 24/9		
7. Name of River	Betwa		
8. Name of Village	Chikasi		
9. Tehsil	Sarila		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	36.437 ha		
13. Mineable Area (in ha)	36.437 ha		
14. Zero level mRL	109 mRL		
15. Max. & Min mri within lease area	118 mRL and 113 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude

E.C. for Riverbed Sand/Maroon Mining Project from Betwa River at Khand No-74/9, Village- Chikari, Tehsil- Sarif, District- Hamirpur, U.P., (Leased Area- 35.437 Ha.) M/s Satyam Construction.

	A	25°51'24.12"N	79°29'41.95"E
	B	25°51'28.61"N	79°29'59.75"E
	C	25°51'1.49"N	79°30'2.16"E
	D	25°50'58.27"N	79°29'51.06"E
17. Total Geological Reserves	18,21,850 m ³		
18. Total Mineable Reserves in LOI	7,28,640 m ³ /year		
19. Total Proposed Production	7,28,640 m ³ /year (36,43,200 m ³ in 05 years)		
20. Proposed Production/year	7,28,640 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2650 m ³ /day		
23. Method of Mining	Open cast Semi-mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	177 units		
28. Type of Land	Non - Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 21 (Rath- Orsi Marg) : 7.0 km* (West)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	18.0	
	Plantation	0.09	
	Others (if any)	-	
	Total	15.10 KLD	
32. Name of OGI Accredited Consultant with OGI No and period of validity.	EIV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court.	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No 817/Ahanj-04-M-C-Tees-Vividi (2018-19) dated: 12/09/2018		
35. Details of Lease Area in approved DSR	Page No 63; Table No.20		
36. Proposed CER cost	2% of total project cost i.e. Rs.2,87,000/-		
37. Proposed EMP cost/ Total Project Cost	Rs 35,97,690/- & 1,43,59,000/-		
38. Length and Width of Haul Road	1500 m Length and 6 m width		
39. No. of Trees to be Planted	162		

- 4- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 5- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 6- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 7- There is no litigation pending in any court regarding this project.
- 8- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 14/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 24/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 7,28,640 m³/year is proposed from mining lease area 35.437 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent if necessary under law.

E.C. for Riverbed Sand/Moram Mining Project from Babwa River at Mandi No. 25/3, Village: Chhoni, Tehsil: Sarila, District: Hamirpur, U.P., (Leased Area-35.432 Ha.), w/o Safety Constraints.

3. Any change in mining area, khosra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the



EC for Proposed Sand/Mineral Mining Project from Selma River at Band No. 26/3, Village: Chinal, Tehsil: Sarda, District: Hamirpur, U.P., (Reserved Area-26.437 Ha.) M/s Setara Constructions.

- SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisoal/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-85/2017-IA/II dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
 36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
 37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
 38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
 39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
 40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
 41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, cncche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
 42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health

E.C. for Opened Sand/Medium Mining Project from Betwa River at Khond No. 24/D, Village- Chahal, Tehsil- Sarkis, District- Hamirpur, U.P., Leased Area-95.437 Ha. I. M/s Satyam Constructions.

- surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
 44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
 45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
 46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
 47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
 48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
3. Pakka motorable haul road to be maintained by the project proponent.
4. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
5. Permission from the competent authority regarding evacuation route should be taken.
6. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
7. Site PR photographs should be submitted with date, time and point-coordinates within 15 days.
8. One month monitoring report of the area for air quality, water quality, Noise level, Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
9. Provision for cylinder to workers should be made for cooking.
10. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
11. Provide suitable mask to the workers.
12. Approach road kachha is to be made motorable and tree saplings to be planted on both sides of the road.
13. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
14. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
15. Provision for two toilets and hand pumps should be made at mining site.
16. Drinking water for workers would be provided by tankers.
17. Mining should be done by Bar-scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
18. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
19. Corporate Environmental Responsibility (CER) plan with minimum Rs. 2,07,000/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA, III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.



E.C. for Sand/Moram Mining Project from Betwa River at Khari No. 24/2, Village: Chhat, Tehsil: Sarin, District: Hanuman, U.P., Leased Area: 25.437 Ha. M/s Satyam Construction.

20. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
21. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
22. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
23. Width of the haul road shall be more than 6 meter.
24. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
25. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
26. If in future this lease area becomes part of cluster of equal to or more than 25 ha, then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
27. The Environmental clearance will be co-terminus with the mining lease period.
28. Project falling within in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
29. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
30. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NMAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
31. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt, and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C. issued will stand revoked.
32. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a OCE-NABET accredited consultants, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
33. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
34. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
35. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
36. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
37. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
38. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.



E.C. for Riverbed Sand/Morrum Mining Project from Betwa River at Khand No. 24/3, Village- Chhadi, Tehsil-Sarila, District- Hamirpur, U.P., Leased Area- 36.437 Ha.1. M/s Satyam Construction.

39. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)).
40. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
41. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
42. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
43. Four ambient air quality monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
44. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
45. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
46. Solid waste material viz., gulkhachoucs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
47. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
48. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
49. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
50. A copy of clearance letter will be marked to concerned Panchayat / local MGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
51. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
52. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
53. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
54. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
55. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
56. Waste water from potable use be collected and reused for sprinkling.
57. During the school opening and closing time vehicle movement will be restricted.
58. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deems to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.



E.C. for Riverbed Sand/Maroon Mining Project from Satwa River at Khind No. 14/3, Village- Chikad, Tehsil- Sarita, District Hamirpur, U.P., (Leased Area- 35.437 Ha. 1. 80/1 Subam Constructors.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1539(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.


(Ashish Tharai)
Member Secretary, SEIAA

Ref. No. /Pary/SEAC/4437/2018 Dated: As above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Adviser, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, India Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-II, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.


(Ashish Tharai)
Member Secretary, SEIAA

Minutes of 359th SEAC Meeting Dated 14/09/2018

7. Proposed Riverbed Sand/Morrum Mining Project from Betwa River of M/s Disha Enterprises located at 24/14, Village-Chikasi, Tehsil-Sarila, District-Hamirpur, U. P. Lease Area - 36.437 ha. File No. 4439/ Proposal No. SIA/UP/MIN/28574/2018

A presentation was made by the project proponent along with their consultant M/s DAS India Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

1- The environmental clearance is sought for Sand/Morrum Mining Project from Betwa River at 24/14, Village-Chikasi, Tehsil-Sarila, District-Hamirpur, U.P., (Lease Area - 36.437 ha.) M/s Disha Enterprises

2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/28574/2018		
2. File No. allotted by SEIAA, UP	4439		
3. Name of Proponent	M/s Disha Enterprises Authorized Signatory- Mohammed Ashfaque Mohammed Munshi		
4. Full correspondence address of proponent and mobile no.	M/s Disha Enterprises Proprietor- Mohammed Ashfaque Mohammed Munshi Khan S/o Village - Mathaulia, P.O. – Bharwalia, District- Basti, U.P.		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 24/14		
7. Name of River	Betwa		
8. Name of Village	Chikasi		
9. Tehsil	Sarila		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	36.437 ha		
13. Mineable Area (in ha)	32.497 ha		
14. Zero level mRL	109 mRL		
15. Max. & Min mrl within lease area	117 mRL and 113 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	25°50'7.46"N	79°28'7.83"E
	B	25°50'16.56"N	79°28'17.05"E
	C	25°50'23.14"N	79°28'28.44"E
	D	25°50'13.44"N	79°28'38.82"E
	E	25°49'55.99"N	79°28'22.34"E
	Workable Area		
	F	25°50'5.94"N	79°28'9.84"E
	C	25°50'23.14"N	79°28'28.44"E
	D	25°50'13.44"N	79°28'38.82"E
	E	25°49'55.99"N	79°28'22.34"E
	Non Workable Area		
	A	25°50'7.46"N	79°28'7.83"E
B	25°50'16.56"N	79°28'17.05"E	
C	25°50'23.14"N	79°28'28.44"E	
F	25°50'5.94"N	79°28'9.84"E	
17. Total Geological Reserves	18,21,850 m ³		
18. Total Mineable Reserves in LOI	7,28,640 m ³ /year		
19. Total Proposed Production	7,28,640 m ³ /year (36,43,200 m ³ in 05 years)		

Minutes of 359th SEAC Meeting Dated 14/09/2018

20. Proposed Production/year	7,28,640 m ³	
21. Sanctioned Period of Mine lease	5 years	
22. Production of mine/day	2650 m ³ /day	
23. Method of Mining	Opencast Semi mechanized	
24. No. of working days	275 days	
25. Working hours/day	12 hours	
26. No. Of workers	Approximately 52 labours	
27. No. Of vehicles movement/day	177 units	
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	SH 21 (Rath- Orai Road) : 2.54 km* (SW)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.52
	Suppression of dust	9.6
	Plantation	0.09
	Others (if any)	*
Total	10.21 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur (letter No. 33/27/Rham)-M-M-C- Tees- Vividh (2018-19) dated 11/09/2018	
35. Details of Lease Area in approved DSR	Page No 64; Table No.20	
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,18,000/-	
37. Proposed EMP cost/ Total Project Cost	Rs 35,97,690/- & 1,43,59,000/-	
38. Length and Width of Haul Road	800 m Length and 6 m width	
39. No. of Trees to be Planted	182	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-07

The committee discussed the matter in light of MOEF&CC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes. The committee also stipulated following points:

1. Salient feature should be submitted with photo affidavit.
2. Workable, submerged and total area should be verified by DMO with geo coordinates and submitted along with EIA report.

Annexure-1

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Regional combined EMP study should be carried out.
3. Regional combined area of homogeneous leases in cluster situation should be verified by DMO.
4. ~~Certificate from Mining Officer that there is no other mining area exist within 500 m periphery~~
5. CER cost to be calculated for individual lease.
6. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
7. The lab conducting the analysis should be authenticated and registered.
8. Public hearing to be conducted as per EIA Notification, 2006.
9. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
10. Approved mining plans for all the mining projects.
11. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left unworked from the river flowing nearby.
12. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
13. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
14. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
15. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
16. A detailed biological study for the study area: [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
17. Impact of change of land use should be given.
18. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
19. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
20. 02 km kachcha haul road to be made motorable. Submit Plan.

21. One season (Non Monsoon) primary baseline data on ambient air quality (PM2.5, PM10, SOx and NOx), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
22. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10 particularly for free silica should be given.
23. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
24. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
25. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
26. Details of water conservation measures proposed to be adopted in the project should be given.
27. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
28. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
29. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
30. Details of rainwater harvesting proposed, if any, in the project should be provided.
31. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
32. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
33. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
34. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
35. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
36. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
37. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted.

- The details of plantation already done should be given.
38. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 39. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 40. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 41. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 42. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 43. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 44. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 45. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 46. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 47. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 48. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 49. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 50. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khund-1, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300541, Fax : 91-522-2300543

E-mail : docup1in@yahoo.com

Website : www.seiaaup.in

To,

Shri Mohammed Ashfaqe ,
Owner,
H.no- 28/46, 2nd Floor, Katija Bai Building,
Tank st (V.K. Marg) Choti Masjid,
Nagpada, Mumbai Central,
District- Mumbai.

Ref. No. 439 /Parya/SEAC/4439/2018

Date: 13/10 October, 2018

Sub: Terms of Reference for Sand/Morrum Mining Project from Betwa River at 24/14, Village-Chikasi, Tehsil-Sarila, District-Hamirpur, U.P., (Lease Area - 36.437 ha.) M/s Disha Enterprises

Dear Sir,

Please refer to your application/letter dated 04-08-2018 & 13-08-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 14-09-2018 and SEIAA in its meeting dated 12-10-2018.

A presentation was made by the project proponent along with their consultant M/s DAS India Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for Sand/Morrum Mining Project from Betwa River at 24/14, Village-Chikasi, Tehsil-Sarila, District-Hamirpur, U.P., (Lease Area - 36.437 ha.) M/s Disha Enterprises
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/28574/2018		
2. File No. allotted by SEIAA, UP	4439		
3. Name of Proponent	M/s Disha Enterprises Authorized Signatory- Mohammed Ashfaqe Mohammed Munshi		
4. Full correspondence address of proponent and mobile no.	M/s Disha Enterprises Proprietor- Mohammed Ashfaqe Mohammed Munshi Khan S/o /Blage - Mathauli, P.O. - Bharwalia, District- Basti, U.P.		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 24/14		
7. Name of River	Betwa		
8. Name of Village	Chikasi		
9. Tehsil	Sarila		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	36.437 ha		
13. Mineable Area (in ha)	32.497 ha		
14. Zero level mRL	109 mRL		
15. Max. & Min mrl within lease area	117 mRL and 113 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude

	A	25°50'7.46"N	79°28'7.83"E
	B	25°50'16.56"N	79°28'17.05"E
	C	25°50'23.14"N	79°28'28.44"E
	D	25°50'13.44"N	79°28'38.82"E
	E	25°49'55.99"N	79°28'22.34"E
	Workable Area		
	F	25°50'5.94"N	79°28'9.84"E
	C	25°50'23.14"N	79°28'28.44"E
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17. Total Geological Reserves	18,21,850 m ³		
18. Total Mineable Reserves in LOI	7,28,640 m ³ /year		
19. Total Proposed Production	7,28,640 m ³ /year (36,43,200 m ³ in 05 years)		
20. Proposed Production/year	7,28,640 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2650 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	177 units		
28. Type of Land	Non - Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 21 (Path- Orail Road) : 2.54 km* (SW)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	9.6	
	Plantation	0.09	
	Others (if any)	-	
	Total	10.21 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No. B13/khanij-M-M-C- Tees- Vividh (2018-19) dated 11/09/2018		
35. Details of Lease Area in approved DSR	Page No 64; Table No.20		
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,18,000/-		

37. Proposed EMP cost/ Total Project Cost	Rs 35,97,690/- & 1,43,59,000/-
38. Length and Width of Haul Road	800 m Length and 6 m width
39. No. of Trees to be Planted	182

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue following terms of reference (TOR) for the preparation of EIA.

1. Salient feature should be submitted with photo affidavit.
2. Workable, submerged and total area should be verified by DMO with geo coordinates and submitted along with EIA report.
3. All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
4. Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
5. MOU signed between the project proponent and the consultant should be submitted.
6. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
7. Regional combined EMP study should be carried out.
8. Regional combined area of homogeneous leases in cluster situation should be verified by DMO.
9. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
10. CER cost to be calculated for individual lease.
11. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
12. The lab conducting the analysis should be NABL accredited or MoEF&CC approved.
13. Public hearing to be conducted as per EIA Notification, 2006.
14. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
15. Approved mining plans for all the mining projects.
16. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
17. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
18. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
19. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
20. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly


- indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
21. A detailed biological study for the study area (core zone and buffer zone (10 km radius of the periphery of the mine lease)) shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
 22. Impact of change of land use should be given.
 23. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
 24. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programmes of line departments of the State Governments.
 25. 02 km kachcha haul road to be made motorable. Submit Plan.
 26. One season (Non Monsoon) primary baseline data on ambient air quality (PM2.5, PM10, SOx and NOx), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
 27. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10 particularly for free silica should be given.
 28. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 29. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 30. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 31. Details of water conservation measures proposed to be adopted in the project should be given.
 32. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 33. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 34. Details of first order stream, if any passing through lease area and modification/diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 35. Details of rainwater harvesting proposed, if any, in the project should be provided.
 36. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the

same.

37. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
38. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
39. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
40. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
41. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
42. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
43. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
44. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
45. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
46. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
47. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
48. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
49. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
50. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
51. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
52. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.

53. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
54. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
55. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.


This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

No...../Parya/SEAC/4439/2018 Dated: As above

Copy with enclosure for information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate, Hamirpur.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Copy to Web Master/ guard file.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

Minutes of 235th SEIAA Meeting Dated 12/10/2018

5. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.- 24/9, Village-Chikasi, Tehsil-Sarila, District-Hamirpur, U.P., (Sanctioned Lease Area-36.437 Ha.), M/s Satyam Constructions, File No. 4437/ Proposal No. SIA/UP/MIN/28562/2018

The SEIAA agreed with the recommendation of SEAC to discuss the matter after receiving online information.

6. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.- 10/33, Village- Beri, Tehsil- Sadar, District-Hamirpur, U.P., Sanctioned Lease Area-20.242 Ha, M/s New Praveera Infraheight Pvt. Ltd, File No. 4438/ Proposal No. SIA/UP/MIN/28568/2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional TOR;s to the title proposal for conducting EIA studies. The SEIAA amended Annexed TOR point no. 7 which should be read as-


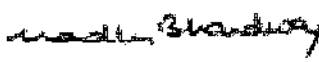

"The lab conducting the analysis should be NABL accredited or MoEF&CC approved". The SEIAA also added the following points to TOR:-

- 1- All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
 - 2- Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
 - 3- MOU signed between the project proponent and the consultant should be submitted.
 - 4- Clarification and amended documents shall be submitted regarding the name of tehsil (Sadar/ Hamirpur).
7. Proposed Riverbed Sand/Morrum Mining Project from Betwa River of M/s Disha Enterprises located at 24/14, Village-Chikasi, Tehsil-Sarila, District-Hamirpur, U. P, Lease Area - 36.437 ha, File No. 4439/ Proposal No. SIA/UP/MIN/28574/2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional TOR;s to the title proposal for conducting EIA studies. The SEIAA amended Annexed TOR point no. 7 which should be read as-

"The lab conducting the analysis should be NABL accredited or MoEF&CC approved". The SEIAA also added the following points to TOR:-

- 1- All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
- 2- Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
- 3- MOU signed between the project proponent and the consultant should be submitted.

Minutes of 369th SEAC Meeting Date 02/11/2018

The 369th meeting of SEAC was held in Directorate of Environment, U.P. on 02/11/2018 following members were present in the SEAC:

1.	Dr. (Prof.) S.N. Singh,	Chairman
2.	Dr. Sarita Sinha,	Member
3.	Dr. Virendra Misra,	Member
4.	Dr. Pramod Kumar Mishra,	Member
5.	Dr. Richhpal Singh Sangu,	Member
6.	Shri Ramesh Chand Kataria,	Member
7.	Shri Meraj Uddin,	Member
8.	Shri Rajive Kumar,	Member

The Chairman welcomed the members to the 369th SEAC meeting.

The SEAC unanimously took following decisions on the agenda points discussed:

1. **Sand/Morrum Mining from Betwa River Gata no. 240 Khand no.5, Vill: Himanpura, Tehsil Kalpi, Distt: Jalaun, U.P. Lease Area 16.194 ha. File No. 4157/Proposal No. SIA/UP/MIN/ 22642/2018**

RESOLUTION AGAINST AGENDA NO-01

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

2. **Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-24/9, Village- Chikasi, Tehsil- Sarila, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha, M/s Satyam Constructions, File No. 4437/Proposal No. SIA/UP/MIN/29522/2018**

RESOLUTION AGAINST AGENDA NO-02

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

3. **Proposed Riverbed Sand/Morrum Mining Project from Betwa River of M/s Disha Enterprises located at 24/14, Village-Chikasi, Tehsil-Sarila, District-Hamirpur, Uttar Pradesh, Sanctioned Area - 36.437 ha. File No. 4528/4439/Proposal No. SIA/UP/MIN/29523/2018**

RESOLUTION AGAINST AGENDA NO-03

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

4. **Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-23/12, Village- BhediKharka, Tehsil- Sarila, District-Hamirpur, U.P., Sanctioned Lease Area-12.145 Ha, M/s Yadav and Sons, File No. 4529/4429/Proposal No. SIA/UP/MIN/29521/2018**

RESOLUTION AGAINST AGENDA NO-04

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

5. **Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-19/4 , Village- Teekapur, Tehsil- Maudaha, District-Hamirpur, U.P., Sanctioned Lease Area-29.554 Ha, M/s KanhaiyanLal And Sons, File No. 4531/4420/Proposal No. SIA/UP/MIN/29514/2018**

RESOLUTION AGAINST AGENDA NO-05

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

6. **Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-19/5, Village- Teekapur, Tehsil- Maudaha, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha, M/s Kamtanath Enterprises Pvt. Ltd. File No. 4532/4426/Proposal No. SIA/UP/MIN/29515/2018**

RESOLUTION AGAINST AGENDA NO-06

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

7. **Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-10/33, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-20.242 Ha, M/s New PraveeraInfrahightPvt. Ltd. File No. 4533/4438/Proposal No. SIA/UP/MIN/29516/2018**

RESOLUTION AGAINST AGENDA NO-07

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

8. **Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khasra No.-10/4, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha. File No. 4534/4446/Proposal No. SIA/UP/MIN/29517/2018**

RESOLUTION AGAINST AGENDA NO-08

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

With The Permission of Chairman

1. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-24/9, Village- Chikasi, Tehsil- Sarila, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha, M/s Satyam Constructions, File No. 4437/Proposal No. SIA/UP/MIN/29522/2018

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

2. Proposed Riverbed Sand/Morrum Mining Project from Betwa River of M/s Dishu Enterprises located at 24/14, Village- Chikasi, Tehsil- Sarila, District-Hamirpur, Uttar Pradesh, Sanctioned Area - 36.437 ha, File No. 4528/4439/Proposal No. SIA/UP/MIN/29523/2018

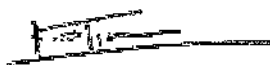
The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

3. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-23/12, Village- Bhed Kharka, Tehsil- Sarila, District-Hamirpur, U.P., Sanctioned Lease Area-12.145 Ha, M/s Yadav and Sons, File No. 4529/4429/Proposal No. SIA/UP/MIN/29521/2018

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

4. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-19/4, Village- Teekapur, Tehsil- Maudaha, District-Hamirpur, U.P., Sanctioned Lease Area-29.554 Ha, M/s Kanhaiyan Lal And Sons, File No. 4531/4420/Proposal No. SIA/UP/MIN/29514/2018

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".






Page 8 of 9

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand - I, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : docupiko@yahoo.com

Website : www.seiaup.in

To,

Shri Mohammed Ashfaq,
Owner,
H.No- 28/46, 2nd Floor, Katija Bai building,
Tank St(V.K. Marg) Choti Masjid,
Nagpada, Mumbai central,
District- Mumbai, Maharashtra.

Ref. No. 28/Parya/SEAC/4528-4439/2018Date: 24 November, 2018

Sub: Environmental Clearance for Riverbed Sand/Morrum Mining Project from Betwa River at Khand No. 24/14, Village-Chikasi, Tehsil-Sarila, District-Hamirpur, Uttar Pradesh, (Leased Area - 36.437 ha), M/s Disha Enterprises.

Dear Sir,

Please refer to your application/letter dated 04-08-2018, 13-08-2018, 12-10-2018, 31-10-2018 & 01-11-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 14/11/2018.

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for Riverbed Sand/Morrum Mining Project from Betwa River at Khand No. 24/14, Village-Chikasi, Tehsil-Sarila, District-Hamirpur, Uttar Pradesh, (Leased Area - 36.437 ha), M/s Disha Enterprises.
- 2- Public hearing was organized on 05/10/2018.
- 3- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/28574/2018
2. File No. allotted by SEIAA, UP	4439
3. Name of Proponent	M/s Disha Enterprises Authorized Signatory- Mohammed Ashfaq Mohammed Munshi
4. Full correspondence address of proponent and mobile no.	M/s Disha Enterprises Proprietor- Mohammed Ashfaq Mohammed Munshi Khan S/o Village - Mathauli, P.O. - Bharwala District- Basti, U.P.
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 24/14
7. Name of River	Betwa
8. Name of Village	Chikasi
9. Tehsil	Sarila
10. District	Hamirpur
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	36.437 ha
13. Mineable Area (in ha)	32.497 ha
14. Zero level mRL	109 mRL
15. Max. & Min mrl within lease area	117 mRL and 113 mRL
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area
	Points Latitude Longitude

[Handwritten Signature]

	A	25°50'7.46"N	79°28'7.83"E
	B	25°50'16.56"N	79°28'17.05"E
	C	25°50'23.14"N	79°28'28.44"E
	D	25°50'13.44"N	79°28'38.82"E
	E	25°49'55.99"N	79°28'22.34"E
	Workable Area		
	F	25°50'5.94"N	79°28'9.84"E
	C	25°50'23.14"N	79°28'28.44"E
	D	25°50'13.44"N	79°28'38.82"E
	E	25°49'55.99"N	79°28'22.34"E
	Non Workable Area		
	A	25°50'7.46"N	79°28'7.83"E
	B	25°50'16.56"N	79°28'17.05"E
	C	25°50'23.14"N	79°28'28.44"E
	F	25°50'5.94"N	79°28'9.84"E
17. Total Geological Reserves	18,21,250 m ³		
18. Total Mineable Reserves in LOI	7,28,640 m ³ /year		
19. Total Proposed Production	7,28,640 m ³ /year (36,43,200 m ³ in 05 years)		
20. Proposed Production/year	7,28,640 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2650 m ³ /day		
23. Method of Mining	Opencast Semi-mechanized		
24. No. of working days	277 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 75 labours		
27. No. Of vehicles movement/day	177 units		
28. Type of Land	Non - Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SI 21 (Rash - Orai Road) : 2.54 km ² (SH)		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		2.05
	Suppression of dust		9.10
	Plantation		0.091
	Others (Stored Water)		0.10
Total		11.32 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NAJET/MA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No. 813/khanj-M-M-C Tees- Vividh (2018-19) dated 11/09/2018		
35. Details of Lease Area in approved DSR	Page No 54; Table No.20		
36. Proposed CER cost	2% of total project cost i.e. Rs.47,22,000/-		
37. Proposed EMP cost/ Total Project Cost	Rs 30,11,736/- & 23,61,15,000,-		
38. Length and Width of Haul Road	0		
39. No. of Trees to be Planted	273		

- 4- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 5- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2005.

- 6- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 7- There is no litigation pending in any court regarding this project.
- 8- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 14/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 24/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 7,28,640 m³/year is proposed from mining lease area 36.437 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Morram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.



19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFD/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaPansad/Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA,III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.



38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
3. Pakka motorable haul road to be maintained by the project proponent.
4. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
5. Permission from the competent authority regarding evacuation route should be taken.
6. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
7. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
8. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
9. Provision for cylinder to workers should be made for cooking.
10. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
11. Provide suitable mask to the workers.
12. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
13. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
14. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
15. Provision for two toilets and hand pumps should be made at mining site.

16. Drinking water for workers would be provided by tankers.
17. Mining should be done by Bar scooping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
18. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
19. Corporate Environmental Responsibility (CER) plan with minimum Rs. 47,22,000/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
20. Health/insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
21. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
22. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
23. Width of the haul road shall be more than 6 meter.
24. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
25. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
26. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
27. The Environmental clearance will be co-terminus with the mining lease period.
28. Project falling within in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
29. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
30. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHA and should be submitted to SEIAA/SEAC, Secretariat as earliest.
31. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C. issued will stand revoked.
32. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-MABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
33. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
34. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/morrum from the river bank only.
35. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.



36. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
37. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
38. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
39. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
40. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
41. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
42. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
43. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
44. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
45. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
46. Solid waste material viz., gutkhapouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
47. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
48. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
49. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
50. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
51. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
52. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
53. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
54. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

55. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
56. Waste water from potable use be collected and reused for sprinkling.
57. During the school opening and closing time vehicle movement will be restricted.
58. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along-with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.


(Ashish Tiwari)
Member Secretary, SEIAA

Ref. No. /Parya/SEAC/4528-4439/2018 Dated: As above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.


(Ashish Tiwari)
Member Secretary, SEIAA

Minutes of 359th SEAC Meeting Dated 14/09/2018

The 359th meeting of SEAC was held in Directorate of Environment, U.P. on 14/09/2018 following members were present in the SEAC:

- | | | |
|----|---------------------------|--------------|
| 1. | Dr. Sarita Sinha, | Chair-person |
| 2. | Dr. Arvind Mathur, | Member |
| 3. | Dr. Virendra Misra, | Member |
| 4. | Dr. Richpal Singh Sangu, | Member |
| 5. | Dr. Ranjeet Kumar Dalela, | Member |
| 6. | Dr. Ajoy Kumar Mandal | Member |
| 7. | Shri Meraj Uddin, | Member |

The Chairman welcomed the members to the 359th SEAC meeting.

The SEAC unanimously took following decisions on the agenda points discussed:

- Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-23/12, Village- Bhedi Kharka, Tehsil-Sarila, District-Hamirpur, U.P., Sanctioned Lease Area-12.145 Ha, M/s Yadav and Sons. File No. 4429/ Proposal No. SIA/UP/MIN/28494/2018**

A presentation was made by the project proponent along with their consultant M/s DAS India Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- The environmental clearance is sought for riverbed Sand/Morrum Mining Project from Betwa River at Khand No.-23/12, Village- Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., (Leased Area-12.145 Ha.), M/s Yadav and Sons.

- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/28494/2018
2. File No. allotted by SEIAA, UP	4429
3. Name of Proponent	M/s Yadav And Sons Authorized Signatory - Shri Avadhesh Kumar
4. Full correspondence address of proponent and mobile no.	M/s Yadav And Sons Proprietor- Shri Avadhesh Kumar S/o Shri Bahoram Singh, R/o H.No. B-1/35, Sector -1, LDA Colony kanpur Road, Tehsil - Lucknow, District - Lucknow, Uttar Pradesh
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 23/12
7. Name of River	Betwa
8. Name of Village	Bhedi Kharka
9. Tehsil	Sarila
10. District	Hamirpur
11. Name of Minor Mineral	Sand/Morrum

Minutes of 359th SEAC Meeting Dated 14/09/2018

12. Sanctioned Lease Area (in ha)	12.145 ha																																																												
13. Mineable Area (in ha)	9.995 ha																																																												
14. Zero level mRL	96 mRL																																																												
15. Max. & Min mrl within lease area	102 mRL and 100 mRL																																																												
16. Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th colspan="3">Sanctioned Area</th> </tr> <tr> <th>Points</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>25°54'38.90"N</td> <td>79°49'0.18"E</td> </tr> <tr> <td>B</td> <td>25°54'40.85"N</td> <td>79°49'33.76"E</td> </tr> <tr> <td>C</td> <td>25°54'37.20"N</td> <td>79°49'36.60"E</td> </tr> <tr> <td>D</td> <td>25°54'34.83"N</td> <td>79°48'59.22"E</td> </tr> <tr> <th colspan="3">Workable Area</th> </tr> <tr> <td>A</td> <td>25°54'38.90"N</td> <td>79°49'0.18"E</td> </tr> <tr> <td>F</td> <td>25°54'40.10"N</td> <td>79°49'20.92"E</td> </tr> <tr> <td>E</td> <td>25°54'36.25"N</td> <td>79°49'22.61"E</td> </tr> <tr> <td>D</td> <td>25°54'34.83"N</td> <td>79°48'59.22"E</td> </tr> <tr> <td>G</td> <td>25°54'40.38"N</td> <td>79°49'25.49"E</td> </tr> <tr> <td>B</td> <td>25°54'40.85"N</td> <td>79°49'33.76"E</td> </tr> <tr> <td>C</td> <td>25°54'37.20"N</td> <td>79°49'36.60"E</td> </tr> <tr> <td>H</td> <td>25°54'36.65"N</td> <td>79°49'29.12"E</td> </tr> <tr> <th colspan="3">Non Workable Area</th> </tr> <tr> <td>F</td> <td>25°54'40.10"N</td> <td>79°49'20.92"E</td> </tr> <tr> <td>G</td> <td>25°54'40.38"N</td> <td>79°49'25.49"E</td> </tr> <tr> <td>H</td> <td>25°54'36.65"N</td> <td>79°49'29.12"E</td> </tr> <tr> <td>E</td> <td>25°54'36.25"N</td> <td>79°49'22.61"E</td> </tr> </tbody> </table>	Sanctioned Area			Points	Latitude	Longitude	A	25°54'38.90"N	79°49'0.18"E	B	25°54'40.85"N	79°49'33.76"E	C	25°54'37.20"N	79°49'36.60"E	D	25°54'34.83"N	79°48'59.22"E	Workable Area			A	25°54'38.90"N	79°49'0.18"E	F	25°54'40.10"N	79°49'20.92"E	E	25°54'36.25"N	79°49'22.61"E	D	25°54'34.83"N	79°48'59.22"E	G	25°54'40.38"N	79°49'25.49"E	B	25°54'40.85"N	79°49'33.76"E	C	25°54'37.20"N	79°49'36.60"E	H	25°54'36.65"N	79°49'29.12"E	Non Workable Area			F	25°54'40.10"N	79°49'20.92"E	G	25°54'40.38"N	79°49'25.49"E	H	25°54'36.65"N	79°49'29.12"E	E	25°54'36.25"N	79°49'22.61"E
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17. Total Geological Reserves	6,07,250 m ³																																																												
18. Total Mineable Reserves in LOI	1,94,304 m ³ /year																																																												
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21. Sanctioned Period of Mine lease	5 years																																																												
22. Production of mine/day	707 m ³ /day																																																												
23. Method of Mining	Opencast Semi mechanized																																																												
24. No. of working days	275 days																																																												
25. Working hours/day	12 hours																																																												
26. No. Of workers	Approximately 52 labours																																																												
27. No. Of vehicles movement/day	47units																																																												
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)																																																												
29. Ultimate Depth of Mining	3 m																																																												
30. Nearest metalled road from site	MDR (Kadoura- Jalalpur): 2.5 km*(W)																																																												
31. Water Requirement	<table border="1"> <thead> <tr> <th>PURPOSE</th> <th>REQUIREMENT (KLD)</th> </tr> </thead> <tbody> <tr> <td>Drinking</td> <td>0.52</td> </tr> <tr> <td>Suppression of dust</td> <td>13.8</td> </tr> <tr> <td>Plantation</td> <td>0.03</td> </tr> <tr> <td>Others (if any)</td> <td>-</td> </tr> <tr> <td>Total</td> <td>14.35 KLD</td> </tr> </tbody> </table>	PURPOSE	REQUIREMENT (KLD)	Drinking	0.52	Suppression of dust	13.8	Plantation	0.03	Others (if any)	-	Total	14.35 KLD																																																
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32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABE1/EIA/1720/RA 0078 and Valid till 02/04/2020.																																																												
33. Any litigation pending against the project or land in any court	None																																																												
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO, Hamirpur Letter No. 311/Khami-M.M.C. Tees Vividh (2018-19) dated 11/09/2018																																																												
35. Details of Lease Area in approved DSR	Page No 63; Table No.20																																																												
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,02,000/-																																																												
37. Proposed EMP cost/ Total Project Cost	Rs 30,17,495/- & 1,40,45,000/-																																																												

38. Length and Width of Haul Road	2300 m Length and 6 m width
39. No. of Trees to be Planted	61

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-01

The committee discussed the matter in light of MOEF&CC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes. The committee also stipulated following points:

1. Workable, submerged and total area should be verified by DMO with geo coordinates and submitted along with EIA report.
2. Permission from irrigation department.
3. "Salient feature" to be provided with photo affidavit.

2. Proposed Riverbed Sand/Morrum Project from Ken River located at Gata No.- 5114/1, 5115, 5116, 5117, 5118, 5119, 5120, 5121, 5122, 5123, 5124, 5125, 5126, 5128, 5129, 5130, 5131, 5132, 5134, 5135, 5136, 5152, (Block No.-14) at Village-Ladaka Purwa, Tehsil- Banda, District- Banda, U.P., Sanctioned Lease Area-20 Ha, M/s Euphoria Mines and Minerals. File No. 4431/ Proposal No. SIA/UP/MIN/28502/2018

A presentation was made by the project proponent along with their consultant M/s DAS India Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for riverbed Sand/Morrum Project from Ken River at Gata No. 5114/1, 5115, 5116, 5117, 5118, 5119, 5120, 5121, 5122, 5123, 5124, 5125, 5126, 5128, 5129, 5130, 5131, 5132, 5134, 5135, 5136, 5152 (Block No.14) at Village-Ladaka Purwa, Tehsil- Banda, District- Banda, U.P., (Sanctioned Lease Area-20 Ha.), M/s Euphoria Mines and Minerals.
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/28502/2018
2. File No. allotted by SEIAA, UP	4431
3. Name of Proponent	M/s Euphoria Mines and Minerals Authorized Signatory - Shri Chandrashekhar Chaurasia
4. Full correspondence address of proponent and mobile no.	M/s Euphoria Mines and Minerals Proprietor- Shri Chandrashekhar Chaurasia S/o Shri Deen Dayal Chaurasia, R/o H.No. 3, Bhramपुरi colony, Near Jugauli crossing, Faizabad road, Tehsil - Lucknow, District - Lucknow, Uttar Pradesh.
5. Name of Project	Sand/Morrum Mining

Annexure-1

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Regional combined EMP study should be carried out.
3. Regional combined area of homogeneous leases in cluster situation should be verified by DMO.
4. Certificate from Mining Officer that there is no other mining area exist within 500m periphery.
5. CER cost to be calculated for individual lease.
6. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
7. The lab conducting the analysis should be authenticated and registered.
8. Public hearing to be conducted as per EIA Notification, 2006.
9. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
10. Approved mining plans for all the mining projects.
11. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
12. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
13. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
14. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
15. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
16. A detailed biological study for the study area (core zone and buffer zone (10 km radius of the periphery of the mine lease)) shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
17. Impact of change of land use should be given.
18. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
19. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
20. 02 km kachcha haul road to be made motorable. Submit Plan.

21. One season (Non Monsoon) primary baseline data on ambient air quality (PM2.5, PM10, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
22. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10 particularly for free silica should be given.
23. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
24. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
25. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
26. Details of water conservation measures proposed to be adopted in the project should be given.
27. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
28. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
29. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
30. Details of rainwater harvesting proposed, if any, in the project should be provided.
31. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
32. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
33. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
34. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
35. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
36. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
37. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted.

- The details of plantation already done should be given.
38. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 39. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 40. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 41. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 42. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 43. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 44. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 45. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 46. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 47. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 48. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 49. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 50. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand-1, Ganti Nagar, Lucknow-226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : doeu@seiaaup.in

Website : www.seiaaup.in

To,

Shri Sudama Kumar,
Owner,
Village- Parev, P.O- Parev,
District- Patna, Bihar.

Ref. No. 429/Parya/SEAC/4208/2017

Date: 13/11 October, 2018

Sub: Terms of Reference for proposed Sand/Morrum Mining Project for Ken River at Khand no.-02, Block no.-08, Gata no.-Part of 1141,1137,1136,1123/2,1125,1127,1131 &1132, Village- Bhurendi, Tehsil- Banda, District- Banda, U.P., (Sanctioned Leased Area: 37.0 Ha.) M/s Katayani Natural Resources Ltd.

Dear Sir,

Please refer to your application/letter dated 09-04-2018, 09-04-2018 & 11-09-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 13-09-2018 and SEIAA in its meeting dated 10-10-2018.

A presentation was made by the project proponent along with their consultant M/s DAS India Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for proposed Sand/Morrum Mining Project for Ken River at Khand no.-02, Block no.-08, Gata no.-Part of 1141,1137,1136,1123/2,1125,1127,1131 &1132, Village- Bhurendi, Tehsil- Banda, District- Banda, U.P., (Sanctioned Leased Area: 37.0 Ha.) M/s Katayani Natural Resources Ltd.
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/23916/2018		
2. File No. allotted by SEIAA, UP	4208		
3. Name of Proponent	M/s Katayani Natural Resources Ltd. Proprietor- Shri Sudama Kumar		
4. Full correspondence address of proponent and mobile no.	M/s Katayani Natural Resources Ltd. Proprietor- Shri Sudama Kumar S/o Shri Rameshwar Ram R/o C/o Daya Shankar Ratna, Mandir Jewellers, Dariyapur, Bari Road, Bakerganj, Patna, Bihar (800004)		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand no.-02, Block no.-08, Gata no.-Part of 1141,1137,1136,1123/2,1125,1127,1131 &1132		
7. Name of River	Ken River		
8. Name of Village	Bhurendi		
9. Tehsil	Sadar		
10. District	Banda		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	37.0 ha		
13. Mineable Area (in ha)	36.0 ha		
14. Zero level mRL	96 mRL		
15. Max. & Min mrl within lease area	102 mRL and 100 mRL		
16. Pillar Coordinates (Verified by DMD)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°29'30.86"N	80°18'24.81"E
	B	25°29'36.38"N	80°18'51.14"E
	C	25°29'39.77"N	80°18'51.54"E

D	25°29'37.54"N	80°18'40.38"E
E	25°29'41.41"N	80°18'38.75"E
F	25°29'46.36"N	80°18'32.83"E
G	25°29'46.76"N	80°18'26.30"E
H	25°30'6.53"N	80°18'12.82"E
I	25°30'9.75"N	80°18'5.91"E
J	25°30'18.20"N	80°18'4.15"E
K	25°30'21.47"N	80°17'55.02"E
L	25°30'16.99"N	80°17'52.84"E
M	25°30'6.95"N	80°18'10.49"E
N	25°30'1.47"N	80°18'14.53"E
O	25°30'3.18"N	80°18'14.49"E
P	25°30'0.20"N	80°18'16.29"E
Q	25°30'0.96"N	80°18'15.15"E
R	25°29'59.26"N	80°18'15.60"E
S	25°29'58.66"N	80°18'16.60"E
T	25°29'59.23"N	80°18'16.78"E
U	25°29'57.03"N	80°18'17.50"E
V	25°29'55.17"N	80°18'18.17"E
W	25°29'40.77"N	80°18'19.52"E
Workable Area		
A	25°29'30.86"N	80°18'24.81"E
X	25°29'35.66"N	80°18'47.75"E
Y	25°29'39.11"N	80°18'48.16"E
D	25°29'37.54"N	80°18'40.38"E
E	25°29'41.41"N	80°18'38.75"E
F	25°29'46.36"N	80°18'32.83"E
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V	25°29'55.17"N	80°18'18.17"E
W	25°29'40.77"N	80°18'19.52"E
Non-Workable Area		
B	25°29'36.38"N	80°18'51.14"E
C	25°29'39.77"N	80°18'51.54"E
Y	25°29'39.11"N	80°18'48.16"E
X	25°29'35.66"N	80°18'47.75"E
17. Total Geological Reserves	18,50,000 m³	
18. Total Mineable Reserves in LOI	7,40,000 m³/year	
19. Total Proposed Production as per Form-1,	7,40,000 m³/year (37,00,000 m³ in 05 years)	

PFR, Mine Plan and presentation at SEAC		
20. Proposed Production/year	1,40,000 m ³	
21. Sanctioned Period of Mine lease	5 years	
22. Production of mine/day	2690.90 m ³ /day	
23. Method of Mining	Opencast Semi mechanized	
24. No. of working days	275 days	
25. Working hours/day	12 hours	
26. No. Of workers	Approximately 52 labours	
27. No. Of vehicles movement/day	180 units	
28. Type of Land	Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	NH 76(Jhansi-Allahabad)-1.5 Km* (S)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.52
	Suppression of dust	5.04
	Plantation	0.90
	Others (if any)	-
Total	5.65 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster Certificate is issued by Mines Officer, Banda Letter No. 2356/Khanij-30, Banda dated 07.09.2018	
35. Details of Lease Area in approved DSR	Page No 60; Table No. 22	
36. Proposed CER cost	5% of total project cost i.e. Rs 7,17,000/-	
37. Proposed EMP cost & Total Project Cost	Rs. 27,21,140/- & Rs.1,43,53,000 /-	
38. Length and Width of Haul Road	420 m Length and 6 m width	
39. No. of Trees to be Planted	177	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).
The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue following terms of reference (TOR) for the preparation of EIA.
 - 1- All the pages of EIA/EMP should be signed by the consultant and photocopy of analysis report signed by approved analyst should be submitted along with the EIA report. Original analysis report should be presented at the time of presentation.
 - 2- MOU signed between the project proponent and the consultant should be submitted.
 - 3- Overwriting (with white fluid) in geo-coordinates in the lease map is to be verified by DMO as recommended SEAC.
 - 4- The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
 - 5- Regional combined EMP study should be carried out.
 - 6- Regional combined area of homogeneous leases in cluster situation should be verified by DMO.
 - 7- Certificate from Mining Officer that there is no other mining area exist within 500 m periphery.
 - 8- CER cost to be calculated for individual lease.
 - 9- An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and

State Pollution Control Board office.

- 10- The lab conducting the analysis should be NABL or MOEF accredited.
- 11- Public hearing to be conducted as per EIA Notification, 2006.
- 12- A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
- 13- Approved mining plans for all the mining projects.
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- 23- 02 km kachcha haul road to be made motorable. Submit Plan.
- 24- One season (Non Monsoon) primary baseline data on ambient air quality (PM2.5, PM10, SOx and NOx), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
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should be provided.

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- 51- The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
- 52- The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
- 53- The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.


This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

No. /Parya/SEAC/4208/2018 Dated: As above

Copy with enclosure for information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate, Banda.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Copy to Web Master/ guard file.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

Minutes of 235th SEIAA Meeting Dated 17/10/2018

- 4- Proposed river bed Sand Mining from Yamuna River at Khand No.11, Village/Ghat- Birwal, Kainua, Tehsil-Bara, District-Aliohabad, U.P. (Leased Area-8.0 Ha)

The matter was referred to SEAC for comments/recommendations.

- 5- Regarding letter dated 03/10/2018 of Atul singh Chauhan in the matter of NGT case OA no- 670 of 2018 Atul singh Chauhan Vs. Ministry of Environment and Climate Change & others

SEIAA has already nominated Shri Meraj Uddin, Member SEAC as the representative of SEIAA in the matter of NGT case OA no- 670 of 2018.

Agenda-B: Replies- Nil

Agenda-C: 359th SEAC Meeting Dated 14/09/2018

1. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.- 23/12, Village- Bhedi Kharka, Tehsil-Sarila, District-Hamirpur, U.P., Sanctioned Lease Area- 12.145 Ha, M/s Yadav and Sons, File No. 6479/ Proposal No. SIA/UP/MIN/28494/2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposal for conducting EIA studies. The SEIAA amended Annexed TOR point no. 7 which should be read as-

"The lab conducting the analysis should be NABL accredited or MoEF&CC approved".

The SEIAA also added the following points to TOR:-

- 1- All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
 - 2- Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
 - 3- MOU signed between the project proponent and the consultant should be submitted.
2. Proposed Riverbed Sand/Morrum Project from Ken River located at Gata No.- 5114/1, 5115, 5116, 5117, 5118, 5119, 5120, 5121, 5122, 5123, 5124, 5125, 5126, 5128, 5129, 5130, 5131, 5132, 5134, 5135, 5136, 5152, (Block No.-14) at Village-Ladaka Purwa, Tehsil- Banda, District- Banda, U.P., Sanctioned Lease Area-20 Ha, M/s Euphoria Mines and Minerals, File No. 4431/ Proposal No. SIA/UP/MIN/28502/2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposal for conducting EIA studies. The SEIAA amended Annexed TOR point no. 7 which should be read as-

"The lab conducting the analysis should be NABL accredited or MoEF&CC approved". The SEIAA also added the following points to TOR:-

- 1- All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.



4. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-23/12, Village- BhediKharka, Tehsil- Sarila, District-Hamirpur, U.P., Sanctioned Lease Area-12.145 Ha, M/s Yadav and Sons. File No. 4529/4429/Proposal No. SIA/UP/MIN/29521/2018

RESOLUTION AGAINST AGENDA NO-04

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

5. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-19/4, Village- Teekapur, Tehsil- Maudaha, District-Hamirpur, U.P., Sanctioned Lease Area-29.554 Ha, M/s Kanhaiyan Lal And Sons. File No. 4531/4420/Proposal No. SIA/UP/MIN/29514/2018

RESOLUTION AGAINST AGENDA NO-05

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

6. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-19/5, Village- Teekapur, Tehsil- Maudaha, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha, M/s Kamtanath Enterprises Pvt. Ltd. File No. 4532/4426/Proposal No. SIA/UP/MIN/29515/2018

RESOLUTION AGAINST AGENDA NO-06

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

7. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-10/33, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-20.242 Ha, M/s New Praveera Infrahight Pvt. Ltd. File No. 4533/4438/Proposal No. SIA/UP/MIN/29516/2018

RESOLUTION AGAINST AGENDA NO-07

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

8. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-10/4, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha. File No. 4534/4446/Proposal No. SIA/UP/MIN/29517/2018

RESOLUTION AGAINST AGENDA NO-08

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

With The Permission of Chairman

1. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-24/9, Village- Chikasi, Tehsil- Sarila, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha, M/s Satyam Constructions, File No. 4437/Proposal No. SIA/UP/MIN/29522/2018

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition-"Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

2. Proposed Riverbed Sand/Morrum Mining Project from Betwa River of M/s Disha Enterprises located at 24/14, Village- Chikosi, Tehsil-Sarila, District-Hamirpur, Uttar Pradesh, Sanctioned Area - 36.437 ha, File No. 4528/4439/Proposal No. SIA/UP/MIN/29523/2018

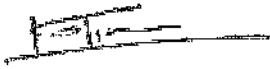
The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition-"Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

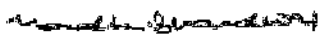
3. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-23/12, Village- Bhedi Kharka, Tehsil- Sarila, District-Hamirpur, U.P., Sanctioned Lease Area-12.145 Ha, M/s Yadav and Sons, File No. 4529/4429/Proposal No. SIA/UP/MIN/29521/2018

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition-"Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

4. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-194, Village- Teekapur, Tehsil- Maudaha, District-Hamirpur, U.P., Sanctioned Lease Area-29.554 Ha, M/s Kunalvan(L) And Sons, File No. 4531/4420/Proposal No. SIA/UP/MIN/29514/2018

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition-"Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".






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State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vincent Khand-1, Gorahi Nagar, Lucknow-226010
 Phone: 91-522-2300541, Fax: 91-522-2300543
 E-mail: doeaup@yahoo.com
 Website: www.seiaaup.in

To,

Shri Avadhesh Kumar,
 Owner,
 H.No- B-1/35, Sector-1 LDA, Colony Kanpur Road,
 Tehsil- Lucknow, U.P.

Ref. No. 527/Parya/SEAC/4529-4429/2018

Date: 24 November, 2018

Sub: Environmental Clearance for riverbed Sand/Morrum Mining Project from Betwa River at Khand No.-23/12, Village- Bhedi Kharka, Tehsil- Sarila, District-Hamirpur, U.P., (Leased Area-12.145 Ha.), M/s Yadav and Sons.

Dear Sir,

Please refer to your application/letter dated 01-08-2018, 13-08-2018, 12-10-2018, 31-10-2018 & 01-11-2018, addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 14/11/2018.

A presentation was made by the project proponent along with their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for riverbed Sand/Morrum Mining Project from Betwa River at Khand No.-23/12, Village- Bhedi Kharka, Tehsil- Sarila, District-Hamirpur, U.P., (Leased Area-12.145 Ha.), M/s Yadav and Sons.
- 2- Public hearing was organized on 05/10/2018.
- 3- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/28494/2018		
2. File No. allotted by SEIAA, UP	4429		
3. Name of Proponent	M/s Yadav And Sons Authorized Signatory - Shri Avadhesh Kumar		
4. Full correspondence address of proponent and mobile no.	M/s Yadav And Sons Proprietor- Shri Avadhesh Kumar S/o Shri Bahoram Singh, R/o H.No. B-1/35, Sector -1, LDA Colony Kanpur Road, Tehsil - Lucknow, District - Lucknow, Uttar Pradesh		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 23/12		
7. Name of River	Betwa		
8. Name of Village	Bhedi Kharka		
9. Tehsil	Sarila		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	12.145 ha		
13. Mineable Area (in ha)	9.995 ha		
14. Zero level mRL	96 mRL		
15. Max. & Min mrl within lease area	102 mRL and 100 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	25°54'38.90"N	79°49'0.18"E
	B	25°54'40.85"N	79°49'33.76"E
	C	25°54'37.20"N	79°49'36.60"E
	D	25°54'34.83"N	79°48'59.22"E

		Workable Area	
	A	25°54'38.90"N	79°49'0.18"E
	F	25°54'40.10"N	79°49'20.92"E
	E	25°54'36.25"N	79°49'22.61"E
	D	25°54'34.83"N	79°48'59.22"E
	G	25°54'40.38"N	79°49'25.49"E
	B	25°54'40.85"N	79°49'33.76"E
	C	25°54'37.20"N	79°49'36.60"E
	H	25°54'36.65"N	79°49'29.12"E
		Non Workable Area	
	F	25°54'40.10"N	79°49'20.92"E
	G	25°54'40.38"N	79°49'25.49"E
	H	25°54'36.65"N	79°49'29.12"E
	E	25°54'36.25"N	79°49'22.61"E
17. Total Geological Reserves	6,07,250 m ³		
18. Total Mineable Reserves in LOI	1,94,304 m ³ /year		
19. Total Proposed Production	1,94,304 m ³ /year (9,71,520 m ³ in 05 years)		
20. Proposed Production/year	1,94,304 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	707 m ³ /day		
23. Method of Mining	Opencast Semi-mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 62 labours		
27. No. Of vehicles movement/day	4 units		
28. Type of Land	Non - Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR (Kadoura-Jalaipur): 2.5 km*(W)		
31. Water Requirement	PIURPOSE	REQUIREMENT (KLD)	
	Drinking	1.22	
	Suppression of dust	45.28	
	Plantation	0.030	
	Others (Stored water)	0.10	
	Total	46.63 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.811/khanij-M-M-C- Tees- Vividh (2018-19) dated 11/09/2018		
35. Details of Lease Area in approved DSR	Page No 63; Table No 20		
36. Proposed CEI cost	2% of total project cost i.e. Rs.21,28,000/-		
37. Proposed EMP cost/ Total Project Cost	Rs 77,12,821/- & 10,64,07,000/-		
38. Length and Width of Haul Road	Unpaved Length 2.83 km and Paved Length 6.91 km and 6 m width		
39. No. of Trees to be Planted	91		

- 4- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 5- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2005.

(Signature)

- 6- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 7- There is no litigation pending in any court regarding this project.
- 8- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 14/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 24/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 1,94,304 m³/year is proposed from mining lease area 12.145 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Morram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.



19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.



38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
3. Pakka motorable haul road to be maintained by the project proponent.
4. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
5. Permission from the competent authority regarding evacuation route should be taken.
6. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
7. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
8. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
9. Provision for cylinder to workers should be made for cooking.
10. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
11. Provide suitable mask to the workers.
12. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
13. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
14. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QC- WABET accredited consultant, and the District Mines Officer.
15. Provision for two toilets and hand pumps should be made at mining site.



16. Drinking water for workers would be provided by tankers.
17. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
18. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
19. Corporate Environmental Responsibility (CER) plan with minimum Rs. 21,28,000/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
20. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
21. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
22. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
23. Width of the haul road shall be more than 6 meter.
24. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
25. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
26. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
27. The Environmental clearance will be co-terminus with the mining lease period.
28. Project falling with in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
29. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
30. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/MHA and should be submitted to SEIAA/SEAC, Secretariat as earliest.
31. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
32. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
33. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
34. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/morram from the river bank only.
35. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.



36. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
37. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
38. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
39. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
40. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
41. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
42. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
43. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
44. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
45. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
46. Solid waste material viz., guthapouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
47. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
48. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
49. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
50. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
51. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
52. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
53. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
54. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.



55. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
56. Waste water from potable use be collected and reused for sprinkling.
57. During the school opening and closing time vehicle movement will be restricted.
58. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.


(Ashish Tiwari)
Member Secretary, SEIAA

Ref. No. 527 /Parva/SEAC/4529-4429/2018 Dated: As above

Copy for Information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.


(Ashish Tiwari)
Member Secretary, SEIAA

6. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-10/33, Village- Beri, Tehsil- Sadar, District-Hamirpur, U.P., Sanctioned Lease Area-20.242 Ha, M/s New Praveera Infraheight Pvt. Ltd. File No. 4438/ Proposal No. SIA/UP/MIN/28568/2018

A presentation was made by the project proponent along with their consultant M/s DAS India Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for riverbed Sand/Morrum Mining Project from Betwa River at Khand No.-10/33, Village- Beri, Tehsil- Sadar, District-Hamirpur, U.P., (Sanctioned Lease Area-20.242 Ha.), M/s New Praveera Infraheight Pvt. Ltd.
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/28568/2018																																																									
2. File No. allotted by SEIAA, UP	4438																																																									
3. Name of Proponent	M/s New Praveera Infraheight Private Limited Authorized Signatory- Shri Santosh Kumar Sachan																																																									
4. Full correspondence address of proponent and mobile no.	M/s New Praveera Infraheight Private Limited Proprietor- Shri Santosh Kumar Sachan S/o Shri Ram Adhar Sachan, R/o Plot No. 540, Flat No. 202 B, Gopala, Green Apartment, Ratanlal Nagar, Tehsil - Sadar, District - Kanpur Nagar, Uttar Pradesh.																																																									
5. Name of Project	Sand/Morrum Mining																																																									
6. Project location (Plot/Khasra/Gata No.)	Khand No. 10/33																																																									
7. Name of River	Betwa																																																									
8. Name of Village	Beri																																																									
9. Tehsil	Sadar																																																									
10. District	Hamirpur																																																									
11. Name of Minor Mineral	Sand/Morrum																																																									
12. Sanctioned Lease Area (in ha)	20.242 ha																																																									
13. Mineable Area (in ha)	17.292 ha																																																									
14. Zero level mRL	97 mRL																																																									
15. Max. & Min mrl within lease area	104 mRL and 101 mRL																																																									
16. Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th colspan="3">Sanctioned Area</th> </tr> <tr> <th>Points</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>25°53'36.20"N</td> <td>79°53'2.29"E</td> </tr> <tr> <td>B</td> <td>25°53'41.95"N</td> <td>79°53'17.18"E</td> </tr> <tr> <td>C</td> <td>25°53'25.95"N</td> <td>79°53'19.83"E</td> </tr> <tr> <td>D</td> <td>25°53'21.79"N</td> <td>79°53'5.78"E</td> </tr> <tr> <th colspan="3">Workable Area</th> </tr> <tr> <td>F</td> <td>25°53'27.12"N</td> <td>79°53'4.50"E</td> </tr> <tr> <td>A</td> <td>25°53'36.20"N</td> <td>79°53'2.29"E</td> </tr> <tr> <td>B</td> <td>25°53'41.95"N</td> <td>79°53'17.18"E</td> </tr> <tr> <td>G</td> <td>25°53'30.95"N</td> <td>79°53'18.97"E</td> </tr> <tr> <td>E</td> <td>25°53'23.96"N</td> <td>79°53'5.24"E</td> </tr> <tr> <td>H</td> <td>25°53'26.56"N</td> <td>79°53'19.73"E</td> </tr> <tr> <td>C</td> <td>25°53'25.95"N</td> <td>79°53'19.83"E</td> </tr> <tr> <td>D</td> <td>25°53'21.79"N</td> <td>79°53'5.78"E</td> </tr> <tr> <th colspan="3">Non Workable Area</th> </tr> <tr> <td>E</td> <td>25°53'23.96"N</td> <td>79°53'5.24"E</td> </tr> <tr> <td>F</td> <td>25°53'27.12"N</td> <td>79°53'4.50"E</td> </tr> <tr> <td>G</td> <td>25°53'30.95"N</td> <td>79°53'18.97"E</td> </tr> </tbody> </table>	Sanctioned Area			Points	Latitude	Longitude	A	25°53'36.20"N	79°53'2.29"E	B	25°53'41.95"N	79°53'17.18"E	C	25°53'25.95"N	79°53'19.83"E	D	25°53'21.79"N	79°53'5.78"E	Workable Area			F	25°53'27.12"N	79°53'4.50"E	A	25°53'36.20"N	79°53'2.29"E	B	25°53'41.95"N	79°53'17.18"E	G	25°53'30.95"N	79°53'18.97"E	E	25°53'23.96"N	79°53'5.24"E	H	25°53'26.56"N	79°53'19.73"E	C	25°53'25.95"N	79°53'19.83"E	D	25°53'21.79"N	79°53'5.78"E	Non Workable Area			E	25°53'23.96"N	79°53'5.24"E	F	25°53'27.12"N	79°53'4.50"E	G	25°53'30.95"N	79°53'18.97"E
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17. Total Geological Reserves	10,12,110 m ³		
18. Total Mineable Reserves in LOI	3,23,840 m ³ /year		
19. Total Proposed Production	3,23,840 m ³ /year (16,19,200 m ³ in 05 years)		
20. Proposed Production/year	3,23,840 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1178 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	79 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 91 (Hamirpur- Kalpi Marg) - 10.5 km* (N)		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.52
	Suppression of dust		17.4
	Plantation		0.05
	Others (if any)		-
	Total		17.97 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No: 810/Khamrj/MEM-C/Lees-Vividh (2013-19) dated 14/09/2018		
35. Details of Lease Area in approved DSR	Page No 63; Table No.20		
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,07,000/-		
37. Proposed EMP cost/ Total Project Cost	Rs 32,09,295/- & 1,41,49,000/-		
38. Length and Width of Haul Road	1500 m Length and 6 m width		
39. No. of Trees to be Planted	101		

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-06

The committee discussed the matter in light of MOEF&CC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes. The committee also stipulated following points:

1. Salient feature should be submitted with photo affidavit.
2. Workable, submerged and total area should be verified by DMO with geo coordinates and submitted along with EIA report.

- The details of plantation already done should be given.
38. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 39. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 40. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 41. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 42. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 43. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 44. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 45. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 46. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 47. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 48. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 49. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 50. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

21. One season (Non Monsoon) primary baseline data on ambient air quality (PM2.5, PM10, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
22. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10 particularly for free silica should be given.
23. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
24. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
25. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
26. Details of water conservation measures proposed to be adopted in the project should be given.
27. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
28. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
29. Details of first order stream, if any passing through lease area and modification/diversion proposed, if any and the impact of the same on the hydrology should be brought out.
30. Details of rainwater harvesting proposed, if any, in the project should be provided.
31. Information on reduced levels/site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
32. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
33. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
34. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
35. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
36. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
37. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted.

Annexure-1

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Regional combined EMP study should be carried out.
3. Regional combined area of homogeneous leases in cluster situation should be verified by DMO.
4. ~~Certificate from Mining Officer that there is no other mining area within 500m periphery.~~
5. CER cost to be calculated for individual lease.
6. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
7. The lab conducting the analysis should be authenticated and registered.
8. Public hearing to be conducted as per EIA Notification, 2006.
9. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
10. Approved mining plans for all the mining projects.
11. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left unworked from the river flowing nearby.
12. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
13. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
14. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
15. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
16. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
17. Impact of change of land use should be given.
18. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
19. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
20. 02 km kachcha haul road to be made motorable. Submit Plan.

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand-1, Gomti Nagar, Lucknow - 226 010

Phone: 91-522-2300 541, Fax: 91-522-2300 543

E-mail: docuplko@yahoo.com

Website: www.seiaaup.in

To,

Shri Santosh Kumar Sachan,
Owner,
Plot no- 540, Flat no- 202 B,
Gopala Green Apartment, Ratanlal Nagar,
Tehsil & District- Kanpur Nagar, U.P.

Ref. No. 525/Parya/SEAC/4533-4438/2018

Date: 24 November, 2018

Sub: Environmental Clearance for proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-10/33, Village-Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-20.242 Ha, M/s New Praveera Infrahight Pvt. Ltd.

Dear Sir,

Please refer to your application/letter dated 12-10-2018 & 31-10-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 15/11/2018.

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-10/33, Village-Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-20.242 Ha, M/s New Praveera Infrahight Pvt. Ltd.
2. The public hearing was organized on 04/10/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/JP/MIN/28568/2018
2. File No. allotted by SEIAA, UP	4438
3. Name of Proponent	M/s New Praveera Infrahight Private Limited Authorized Signatory- Shri Santosh Kumar Sachan
4. Full correspondence address of proponent and mobile no.	M/s New Praveera Infrahight Private Limited Proprietor- Shri Santosh Kumar Sachan S/o Shri Raju Adhar Sachan, R/o Plot No. 540, Flat No. 202 B, Gopala, Green Apartment, Ratanlal Nagar, Tehsil - Sadar, District - Kanpur Nagar, Uttar Pradesh.
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 10/33
7. Name of River	Betwa
8. Name of Village	Beri
9. Tehsil	Sadar
10. District	Hamirpur
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	20.242 ha
13. Mineable Area (in ha)	17.292 ha
14. Zero level mRL	97 mRL

15. Max. & Min mrl within lease area	104 mRL and 101 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	25°53'36.20"N	79°53'2.29"E
	B	25°53'41.95"N	79°53'17.18"E
	C	25°53'25.95"N	79°53'19.83"E
	D	25°53'21.79"N	79°53'5.78"E
	Workable Area		
	F	25°53'27.12"N	79°53'4.50"E
	A	25°53'36.20"N	79°53'2.29"E
	B	25°53'41.95"N	79°53'17.18"E
	G	25°53'30.95"N	79°53'18.97"E
	E	25°53'23.96"N	79°53'5.24"E
	H	25°53'26.56"N	79°53'19.73"E
	C	25°53'25.95"N	79°53'19.83"E
D	25°53'21.79"N	79°53'5.78"E	
Non Workable Area			
E	25°53'23.96"N	79°53'5.24"E	
F	25°53'27.12"N	79°53'4.50"E	
G	25°53'30.95"N	79°53'18.97"E	
H	25°53'26.56"N	79°53'19.73"E	
17. Total Geological Reserves	10,12,100 m ³		
18. Total Mineable Reserves in IOI	3,73,840 m ³ /year		
19. Total Proposed Production	3,23,840 m ³ /year (10,10,200 m ³ in 05 years)		
20. Proposed Production/year	1,23,840 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1178 m ³ /day		
23. Method of Mining	Open cast Semi-mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 72 labours		
27. No. Of vehicles movement/day	79 units		
28. Type of Land	Non - Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 91 (Hamirpur - Kalpi Marg) - 10.5 km ² (N)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.49	
	Suppression of dust	30.60	
	Plantation	0.051	
	Others (Stored water)	0.10	
Total	32.25 KLD		
32. Name of QCI Accredited Consultant with QCI No and period of validity	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1770/RA 0076 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.810/Khanij-M-M-C- Tees- Vwidth (2018-19) dated 11/09/2018		
35. Details of Lease Area in approved DSR	Page No 63; Table No.20		
36. Proposed CER cost	2% of total project cost i.e. Rs 28,61,000/-		
37. Proposed EMP cost/ Total Project Cost	Rs 57,85,516/- & 14,30,93,000/-		
38. Length and Width of Haul Road	Unpaved Length 1.7 km and Paved Length 11.4 km and 6 m width		

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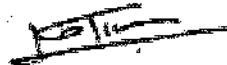
39. No. of Trees to be Planted	151
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4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild found.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 15/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 24/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 3,23,840 m³/year is proposed from mining lease area 20.242 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Morram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.



18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such programme. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MOEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking

- required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
 38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
 39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
 40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
 41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
 42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measure, if needed.
 43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
 44. The environmental statement for each financial year ending 31st March in form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
 45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
 46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
 47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
 48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. Pakka motorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.



12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 28,61,000/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.NI dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
19. Health/insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHA and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.



32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.sciaaup.in>

- and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
 53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
 55. Waste water from potable use be collected and reused for sprinkling.
 56. During the school opening and closing time vehicle movement will be restricted.
 57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.


(Ashish Tiwari)
Member Secretary, SEIAA

Ref. No. /Parya/SEAC/4533-4438/2018 Dated: As above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.


(Ashish Tiwari)
Member Secretary, SEIAA

Minutes of 235th SEIAA Meeting Dated 12/10/2018

5. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.- 24/9, Village-Chikasi, Tehsil-Sarifa, District-Hamirpur, U.P., (Sanctioned Lease Area-36.437 Ha.), M/s Satyam Constructions, File No. 4437/ Proposal No. SIA/UP/MIN/28562/2018

The SEIAA agreed with the recommendation of SEAC to discuss the matter after receiving online information.

6. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.- 10/33, Village- Beri, Tehsil- Sadar, District-Hamirpur, U.P., Sanctioned Lease Area-20.242 Ha, M/s New Praveera Infrahight Pvt. Ltd. File No. 4438/ Proposal No. SIA/UP/MIN/28568/2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional TOR;s to the title proposal for conducting EIA studies. The SEIAA amended Annexed TOR point no. 7 which should be read as-

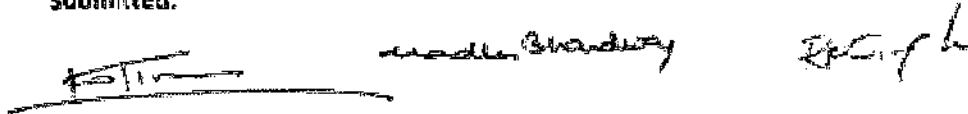
"The lab conducting the analysis should be NABL accredited or MoEF&CC approved". The SEIAA also added the following points to TOR:-

- 1- All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
 - 2- Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
 - 3- MOU signed between the project proponent and the consultant should be submitted.
 - 4- Clarification and amended documents shall be submitted regarding the name of tehsil (Sadar/ Hamirpur).
7. Proposed Riverbed Sand/Morrum Mining Project from Betwa River of M/s Disha Enterprises located at 24/14, Village-Chikasi, Tehsil-Sarifa, District-Hamirpur, U. P. Lease Area - 36.437 ha. File No. 4439/ Proposal No. SIA/UP/MIN/28574/2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional TOR;s to the title proposal for conducting EIA studies. The SEIAA amended Annexed TOR point no. 7 which should be read as-

"The lab conducting the analysis should be NABL accredited or MoEF&CC approved". The SEIAA also added the following points to TOR:-

- 1- All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
- 2- Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
- 3- MOU signed between the project proponent and the consultant should be submitted.



4. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-23/12, Village- BhediKharka, Tehsil- Sarila, District-Hamirpur, U.P., Sanctioned Lease Area-12.145 Ha, M/s Yadav and Sons, File No. 4529/4429/Proposal No. SIA/UP/MIN/29521/2018

RESOLUTION AGAINST AGENDA NO-04

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

5. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-19/4, Village- Teekapur, Tehsil- Maudaha, District-Hamirpur, U.P., Sanctioned Lease Area-29.554 Ha, M/s Kanhaiyan Lal And Sons, File No. 4531/4420/Proposal No. SIA/UP/MIN/29514/2018

RESOLUTION AGAINST AGENDA NO-05

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

6. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-19/5, Village- Teekapur, Tehsil- Maudaha, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha, M/s Kamtanath Enterprises Pvt. Ltd. File No. 4532/4426/Proposal No. SIA/UP/MIN/29515/2018

RESOLUTION AGAINST AGENDA NO-06

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

7. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-10/33, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-20.242 Ha, M/s New Praveera Infrahight Pvt. Ltd. File No. 4533/4438/Proposal No. SIA/UP/MIN/29516/2018

RESOLUTION AGAINST AGENDA NO-07

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

8. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khasra No.-10/4, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha, File No. 4534/4446/Proposal No. SIA/UP/MIN/29517/2018

RESOLUTION AGAINST AGENDA NO-08

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.


5. Proposed River bed Sand/Morrum Mining Project from Betwa River located at Khand No.-19/5, Village- Teekapur, Tehsil- Moudaha, District-Hamirpur, U.P., Sanctioned Leased Area-36.437 Ha. M/s Kamtanath Enterprises Pvt. Ltd. File No. 4532/4426/Proposal No. SIA/UP/MIN/29515/2018

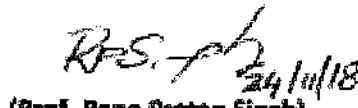
The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

6. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-10/33, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-20.242 Ha. M/s New PraveeraInfraheightPvt. Ltd. File No. 4533/4438/Proposal No. SIA/UP/MIN/29516/2018

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".


24.11.18
(Shri Ashish Tiwari, IFS)
Member-Secretary
SEIAA


(Dr. (Smt.) Madhu Shrivastava)
Member
SEIAA


24/11/18
(Prof. Rana Pratap Singh)
Chairman
SEIAA

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand-1, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : docuplke@yahoo.com

Website : www.seiaaup.in

To,

Shri Santosh Kumar Sachan,
Owner,
Plot no- 540, Flat no- 202 B,
Gopala Green Apartment, Ratanlal Nagar,
Tehsil & District- Kanpur Nagar, U.P.

Ref. No. 525/Parya/SEAC/4533-4438/2018

Date: 24 November, 2018

Sub: Environmental Clearance for proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-10/33, Village-Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area- 20.242 Ha, M/s New Praveera Infrahight Pvt. Ltd.

Dear Sir,

Please refer to your application/letter dated 12-10-2018 & 31-10-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 15/11/2018.

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-10/33, Village-Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-20.242 Ha, M/s New Praveera Infrahight Pvt. Ltd.
2. The public hearing was organized on 04/10/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SEA/UP/MIN/28568/2018
2. File No. allotted by SEIAA, UP	4438
3. Name of Proponent	M/s New Praveera Infrahight Private Limited Authorized Signatory- Shri Santosh Kumar Sachan
4. Full correspondence address of proponent and mobile no.	M/s New Praveera Infrahight Private Limited Proprietor- Shri Santosh Kumar Sachan S/o Shri Raim Adhar Sachan, R/o Plot No. 540, Flat No. 202 B, Gopala, Green Apartment, Ratanlal Nagar, Tehsil - Sadar, District - Kanpur Nagar, Uttar Pradesh.
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 10/33
7. Name of River	Betwa
8. Name of Village	Beri
9. Tehsil	Sadar
10. District	Hamirpur
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	20.242 ha
13. Mineable Area (in ha)	17.292 ha
14. Zero level mRL	97 mRL

[Handwritten signature]

15. Max. & Min mrl within lease area	104 mRL and 101 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	25°53'36.20"N	79°53'2.29"E
	B	25°53'41.95"N	79°53'17.18"E
	C	25°53'25.95"N	79°53'19.83"E
	D	25°53'21.79"N	79°53'5.78"E
	Workable Area		
	F	25°53'27.12"N	79°53'4.50"E
	A	25°53'36.20"N	79°53'2.29"E
	B	25°53'41.95"N	79°53'17.18"E
	G	25°53'30.95"N	79°53'18.97"E
	E	25°53'23.96"N	79°53'5.24"E
	H	25°53'26.56"N	79°53'19.73"E
Non Workable Area			
E	25°53'23.96"N	79°53'5.24"E	
F	25°53'27.12"N	79°53'4.50"E	
G	25°53'30.95"N	79°53'18.97"E	
H	25°53'26.56"N	79°53'19.73"E	
17. Total Geological Reserves	10,12,100 m ³		
18. Total Mineable Reserves in L.OI	3,23,840 m ³ /year		
19. Total Proposed Production	3,23,840 m ³ /year (16,19,200 m ³ in 05 years)		
20. Proposed Production/year	3,23,840 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1178 m ³ /day		
23. Method of Mining	Open cast Semi-mechanized		
24. No. of working days	175 days		
25. Working hour/day	12 hours		
26. No. Of workers	Approximately 72 labours		
27. No. Of vehicles movement/day	79 units		
28. Type of Land	Non - Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 91 (Hamirpur- Kalpi Marg) - 10.5 km ² (N)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.49	
	Suppression of dust	30.60	
	Plantation	0.051	
	Others (Stored water)	0.10	
Total	32.25 KLD		
32. Name of QCI Accredited Consultant with QCI No and period of validity	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.810/khanj-M-M-C- Tees- Vividh (2018-19) dated 11/09/2018		
35. Details of Lease Area in approved DSR	Page No 63; Table No.20		
36. Proposed CER cost	2% of total project cost i.e. Rs.28,61,000/-		
37. Proposed EMP cost/ Total Project Cost	Rs 57,85,516/- & 14,30,93,000/-		
38. Length and Width of Haul Road	Unpaved Length 1.7 km and Paved Length 11.4 km and 6 m width		

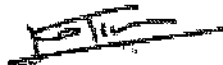
39. No. of Trees to be Planted	151
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4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 15/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 24/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 3,23,840 m³/year is proposed from mining lease area 20.242 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Morram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependent on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.

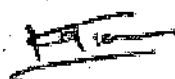


18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZillaParasid/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpauln or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking

- required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
 38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
 39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
 40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
 41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
 42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
 43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
 44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
 45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
 46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
 47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
 48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. Pakka motorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kachcha is to be made motorable and tree saplings to be planted on both sides of the road.



12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 26,61,000/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-4A.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
19. Health/insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling within in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo-coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NMAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C. issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.



32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/morrum from the river bank only.
34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., gutkha-pouches, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPFCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in>

- and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
 53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
 55. Waste water from potable use be collected and reused for sprinkling.
 56. During the school opening and closing time vehicle movement will be restricted.
 57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.


(Ashish Tiwari)

Member Secretary, SEIAA

Ref. No. /Parva/SEAC/4533-4438/2018 Dated: As above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.


(Ashish Tiwari)

Member Secretary, SEIAA

10. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-10/4, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha. File No. 4446/ Proposal No. SIA/UP/MIN/28608/2018

A presentation was made by the project proponent along with their consultant M/s DAS India Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for Sand/Morrum Mining Project from Betwa River at Khand No.-10/4, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., (Sanctioned Lease Area-36.437 Ha.).
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/28608/2018																																																													
2. File No. allotted by SEIAA, UP	4446																																																													
3. Name of Proponent	Shri Rahul Kumar Gupta Authorized Signatory- Shri Rahul Kumar Gupta																																																													
4. Full correspondence address of proponent and mobile no.	Shri Rahul Kumar Gupta Proprietor- Shri Rahul Kumar Gupta S/o Shri Vinod Babu Gupta, R/o H.No. 15/74-75, Baba Ghat, Civil Lines, Baragaon, Kanpur, District- Kanpur Nagar, U.P.																																																													
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6. Project location (Plot/Khasra/Gata No.)	Khand No. 10/4																																																													
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11. Name of Minor Mineral	Sand/Morrum																																																													
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20. Proposed Production/year	5,82,912 m ³	
21. Sanctioned Period of Mine lease	5 years	
22. Production of mine/day	2120 m ³ /day	
23. Method of Mining	Opencast Semi mechanized	
24. No. of working days	275 days	
25. Working hours/day	12 hours	
26. No. Of workers	Approximately 52 labours	
27. No. Of vehicles movement/day	141 units	
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	SH 42 (Hamirpur – Jhansi Road) : 7.0 km* (SE)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.52
	Suppression of dust	19.8
	Plantation	0.09
	Others (if any)	-
Total	20.41 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO, Hamirpur Letter No. 814/Khami-M-M-C-Teer-Vaidh (2018-19) dated 11/09/2018.	
35. Details of Lease Area in approved DSR	Page No 62; Table No.22	
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,18,000/-	
37. Proposed EMP cost/ Total Project Cost	Rs 35,97,690/- & 1,43,59,000/-	
38. Length and Width of Haul Road	1650 m Length and 6 m width	
39. No. of Trees to be Planted	182	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-10

The committee discussed the matter in light of MOEF&CC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes. The committee also stipulated following points:

1. Salient feature should be submitted with photo affidavit.
2. Workable, submerged and total area should be verified by DMO with geo coordinates and submitted along with EIA report.

Annexure-1

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Regional combined EMP study should be carried out.
3. Regional combined area of homogeneous leases in cluster situation should be verified by DMO.
4. ~~Certificate from Mining Officer that there is no other mining area exist within 500 m periphery.~~
5. CBR cost to be calculated for individual lease.
6. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
7. The lab conducting the analysis should be authenticated and registered.
8. Public hearing to be conducted as per EIA Notification, 2006.
9. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
10. Approved mining plans for all the mining projects.
11. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
12. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
13. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
14. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
15. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
16. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
17. Impact of change of land use should be given.
18. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
19. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
20. 02 km kachcha haul road to be made motorable. Submit Plan.

21. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
22. There should be at least one monitoring station within 500 m of the mine lease in the predominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
23. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
24. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
25. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
26. Details of water conservation measures proposed to be adopted in the project should be given.
27. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
28. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
29. Details of first order stream, if any passing through lease area and modification/diversion proposed, if any and the impact of the same on the hydrology should be brought out.
30. Details of rainwater harvesting proposed, if any, in the project should be provided.
31. Information on reduced levels/site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
32. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
33. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
34. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
35. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
36. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
37. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted.

- The details of plantation already done should be given.
38. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 39. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 40. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 41. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 42. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 43. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 44. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 45. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 46. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 47. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 48. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 49. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 50. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khund-1, Gomti Nagar, Lucknow - 226 010

Phone: 91-522-2300 541, Fax: 91-522-2300 543

E-mail: docuplko@yahoo.com

Website: www.seiaup.in

To,

Shri Rahul Kumar Gupta,
S/o Shri Vinod Babu Gupta,
H.No- 15/74-75, Baba Ghat, Civil Lines, Baragaon Kanpur,
District- Kanpur, Nagar- 208001

Ref. No. 522 /Parye/SEAC/4534-4448/2018

Date: 24 November, 2018

Sub: Environmental Clearance for proposed Riverbed Sand/Morrum Mining Project from Betwa River at Khasra No.-10/4, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., (Sanctioned Lease Area-36.437 Ha).

Dear Sir,

Please refer to your application/letter dated 12-10-2018 & 31-10-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 15/11/2018.

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for proposed Riverbed Sand/Morrum Mining Project from Betwa River at Khasra No.-10/4, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., (Sanctioned Lease Area- 36.437 Ha).
2. The public hearing was organized on 04/10/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/28608/2018		
2. File No. allotted by SEIAA, UP	4446		
3. Name of Proponent	Shri Rahul Kumar Gupta Authorized Signatory- Shri Rahul Kumar Gupta		
4. Full correspondence address of proponent and mobile no.	Shri Rahul Kumar Gupta Proprietor- Shri Rahul Kumar Gupta S/o Shri Vinod Babu Gupta, R/o H.No. 15/74-75, Baba Ghat, Civil Lines, Baragaon, Kanpur, District- Kanpur Nagar, U.P.		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khasra No. 10/4		
7. Name of River	Betwa		
8. Name of Village	Beri		
9. Tehsil	Hamirpur		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	36.437 ha		
13. Mineable Area (in ha)	31.237 ha		
14. Zero level mRL	94 mRL		
15. Max. & Min mrl within lease area	100 mRL and 98 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	25°52'56.72"N	79°56'3.80"E

Handwritten signature/initials

E.C. for proposed Riverbed Sand/Medium Mining Project from Betwa River at Khassa No-10/4, Village- Berl, Tehsil- Hamirpur, District-Hamirpur, U.P.. (Sanctioned Lease Area-36.437 Ha).

	B	25°53'10.41"N	79°56'21.33"E
	C	25°52'53.02"N	79°56'34.66"E
	D	25°52'43.25"N	79°56'15.21"E
	Workable Area		
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	H	25°52'53.57"N	79°56'6.47"E
17. Total Geological Reserves	18,21,850 m ³		
18. Total Mineable Reserves in LOI	5,82,912 m ³ /year		
19. Total Proposed Production	5,82,912 m ³ /year (29,14,560 m ³ in 05 years)		
20. Proposed Production/year	5,82,912 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2120 m ³ /day		
23. Method of Mining	Open cast semi-mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 75 labours		
27. No. Of vehicles movement/day	141 units		
28. Type of Land	Non - Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 42 (Hamirpur - Jhansi Road) : 7.0 km ² (SE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.89	
	Suppression of dust	89.98	
	Plantation	0.091	
	Others (Stored Water)	0.10	
	Total	91.36 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. M.BET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No. 814/khanij-M-M-C Tees- Vividh (2018-19) dated 11/09/2018		
35. Details of Lease Area in approved DSR	Page No 62; Table No.22		
36. Proposed CER cost	2% of total project cost i.e. Rs.43,09,000/-		
37. Proposed EMP cost/ Total Project Cost	Rs 1,40,36,486/- & 21,54,77,000/-		
38. Length and Width of Haul Road	Unpaved Length 5.58 km and Paved Length 21.31 km and 6 m width		
39. No. of Trees to be Planted	273		

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.

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4. E.C. for proposed Riverbed Sand/Morrum Mining Project from Betwa River at Khasra No.-10/4, Village-Berf, Tehsil- Hamirpur, District-Hamirpur, U.P., (Sanctioned Lease Area-36.437 Ha).

5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 16/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 24/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 5,82,912 m³/year is proposed from mining lease area 36.437 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by The Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Morrum will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/Institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form



- a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZillaParisad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.II dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and a Idress and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
 36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.



37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaPanchayat/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. Pakkamotorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Water quality report should be submitted alongwith compliant report.
7. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
8. One month monitoring report of the area for air quality, water quality, Noise level, Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
9. Provision for cylinder to workers should be made for cooking. Provide suitable mask to the workers
10. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.



13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 43,09,000/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
19. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling with in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHA and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C. issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble MGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.



33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., guthkhpouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.



52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along-with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2005, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.


(Ashish Tiwari)
Member Secretary, SEIAA

Ref. No. /Paryo/SEAC/4534-4446/2018 Dated: As above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vihuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.


(Ashish Tiwari)
Member Secretary, SEIAA

8. Proposed Riverbed Sand/Morrum Mining Project at Khand No. - 10/30, Village-Beri, Tehsil-Hamirpur, District-Hamirpur, Uttar Pradesh, (Leased Area 12/145 Ha.) File No. 4440/ Proposal No. SIA/UP/MIN/28575/2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposal for conducting EIA studies. The SEIAA amended Annexed TOR point no. 7 which should be read as-

"The lab conducting the analysis should be NABL accredited or MoEF&CC approved". The SEIAA also added the following points to TOR:-

- 1- All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
- 2- Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
- 3- MOU signed between the project proponent and the consultant should be submitted.

9. Proposed River Bed Sand/Morrum Mining Project Area- 36.437 ha (Total cluster area - 72.824 ha) at Bank of Betwa River at Khasra No.- 26/5, at Village-Chandwari Ghurauli, Tehsil- Sarila, District- Hamirpur, U.P., (Leased Area- 36.437 ha). File No. 4444/ Proposal No. SIA/UP/MIN/28596/2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposal for conducting EIA studies. The SEIAA amended Annexed TOR point no. 7 which should be read as-

a. "The lab conducting the analysis should be NABL accredited or MoEF&CC approved". The SEIAA also added the following points to TOR:-

- 1- All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
- 2- Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
- 3- MOU signed between the project proponent and the consultant should be submitted.

10. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.- 10/4, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area- 36.437 Ha. File No. 4446/ Proposal No. SIA/UP/MIN/28608/2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposal for conducting EIA studies. The SEIAA amended Annexed TOR point no. 7 which should be read as-

"The lab conducting the analysis should be NABL accredited or MoEF&CC approved". The SEIAA also added the following points to TOR:-

- 1- All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.



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Minutes of 235th SEIAA Meeting Dated 12/10/2018

- 2- Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
- 3- MOU signed between the project proponent and the consultant should be submitted.

11. Proposed River Bed Sand/Morrum Mining Project (Area- 20.34 ha) in River Yamuna at Gata No.- 621 ma, 622 ma, at Village-Mandawar, Tehsil- Kairana, District- Shamli, U.P., M/s P.C. Gupta & Company (Leased Area- 20.34 ha), File No. 4451/ Proposal No. SIA/UP/MIN/28676/2018

The SEIAA noted that SEAC has recommended to issue the terms of reference (ToR) for EIA studies. SEIAA also gone through the DSR of District- Shamli, U.P. wherein for Gata no- 621 and 622 area is mentioned as 84.469 ha. whereas the project proponent has applied for Environmental Clearance Sand/Morrum Mining Project (Area- 20.34 ha) in River Yamuna at Gata No.- 621 ma, 622 ma, at Village-Mandawar, Tehsil- Kairana, District- Shamli, U.P., M/s P.C. Gupta & Company (Leased Area- 20.34 ha). Clarification in this regard must be submitted with the EIA report. SEIAA agreed to issue TOR for EIA studies with condition of submission of the said clarification regarding the area. The SEIAA also amended Annexed TOR point no. 7 which should be read as-

"The lab conducting the analysis should be NABL accredited or MoEF&CC approved".

The SEIAA also added the following points to TOR;-

- 1- All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
- 2- Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
- 3- MOU signed between the project proponent and the consultant should be submitted.

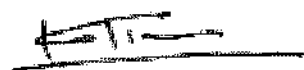
12. Proposed Mining of Sand (Minor Mineral) at Gata No.- 839, 841 to 856, 858, 859, 860, 861, 863, 864, 865, 866, 867, 871, 872, 883, 889, 406, 407, in Village- Dhikka Kalan, Tehsil- Nakur, District- Saharanpur, U.P., M/s Balaji Trading Company (Leased Area- 52.63 ha), File No. 4452/ Proposal No. SIA/UP/MIN/28714/2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposal for conducting EIA studies. The SEIAA also amended Annexed TOR point no. 7 which should be read as-

"The lab conducting the analysis should be NABL accredited or MoEF&CC approved".

The SEIAA also added the following points to TOR;-

- 1- All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.



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- 4. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-23/12, Village- BhediKharka, Tehsil- Sarila, District-Hamirpur, U.P., Sanctioned Lease Area-12.145 Ha, M/s Yadav and Sons. File No. 4529/4429/Proposal No. SIA/UP/MIN/29521/2018**

RESOLUTION AGAINST AGENDA NO-04

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

- 5. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-19/4 , Village- Teekapur, Tehsil- Maudaha, District-Hamirpur, U.P., Sanctioned Lease Area-29.554 Ha, M/s KanhaiyanLal And Sons. File No. 4531/4420/Proposal No. SIA/UP/MIN/29514/2018**

RESOLUTION AGAINST AGENDA NO-05

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

- 6. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-19/5, Village- Teekapur, Tehsil- Maudaha, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha, M/s Kamtanath Enterprises Pvt. Ltd. File No. 4532/4426/Proposal No. SIA/UP/MIN/29515/2018**

RESOLUTION AGAINST AGENDA NO-06

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

- 7. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-10/33, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-20.242 Ha, M/s New PraveeraInfraightPvt. Ltd. File No. 4533/4438/Proposal No. SIA/UP/MIN/29516/2018**

RESOLUTION AGAINST AGENDA NO-07

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

- 8. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khasra No.-10/4, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha. File No. 4534/4446/Proposal No. SIA/UP/MIN/29517/2018**

RESOLUTION AGAINST AGENDA NO-08

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

14. Proposed River Bed Sand Mining Project from Yamuna River for M/s Ghanarm Infraengineers Pvt. Ltd. located at Khand No.- SG- 01, Gate No.- 191, 272, 378, 379, 380, 293/2, Village- Sangolipur Garha, Tehsil- Khanga, District- Fatehpur, U.P., Sanctioned Lease Area: 31.57 ha (78.0 acre). File No. 4169/Proposal No. SIA/UP/MIN/22751/2018

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

15. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khasra No.- 10/4, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area- 36.437 Ha. File No. 4534/4446/Proposal No. SIA/UP/MIN/29517/2018

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

16. Proposed Riverbed Sand/Morrum Mining Project from Ken River of M/s K.K. Associates located at Khand No.-10/27 to10/28, Village- Katesiya, Tehsil- Chail, District-Kaushambi, Uttar Pradesh, Sanctioned Lease Area-24.28 Ha. File No. 4535/4385/Proposal No. SIA/UP/MIN/28538/2018

The SEIAA agreed with the recommendations of the SEAC to defer the matter on request and discuss the matter after receiving online information

17. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.- 18/1, Village- Sahurapur, Tehsil-Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area- 36.437 Ha, M/s Shri Construction, File No. 4538/4433/Proposal No. SIA/UP/MIN/29548/2018

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition- "Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".



With The Permission of Chairman

1. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-24/9, Village- Chikasi, Tehsil- Sarila, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha, M/s Satyam Constructions, File No. 4437/Proposal No. SIA/UP/MIN/29522/2018

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition-"Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

2. Proposed Riverbed Sand/Morrum Mining Project from Betwa River of M/s Disha Enterprises located at 24/14, Village- Chikasi, Tehsil-Sarila, District-Hamirpur, Uttar Pradesh, Sanctioned Area - 36.437 ha, File No. 4528/4439/Proposal No. SIA/UP/MIN/29523/2018

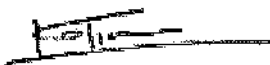
The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition-"Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

3. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-23/12, Village- Bhedi Kharka, Tehsil- Sarila, District-Hamirpur, U.P., Sanctioned Lease Area-12.145 Ha, M/s Yadav and Sons, File No. 4529/4429/Proposal No. SIA/UP/MIN/29521/2018

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition-"Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".

4. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-194, Village- Teekapur, Tehsil- Maudaha, District-Hamirpur, U.P., Sanctioned Lease Area-29.554 Ha, M/s Kanhaiyan Lal And Sons, File No. 4531/4420/Proposal No. SIA/UP/MIN/29514/2018

The SEIAA agreed with the recommendations of the SEAC to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions as suggested by the SEAC adding one specific condition-"Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied".






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State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand-I, Gomti Nagar, Lucknow - 226010

Phone: 91-522-2300 541, Fax: 91-522-2300 543

E-mail: docuplko@yahoo.com

Website: www.seiaaup.in

To,

Shri Rahul Kumar Gupta,
S/o Shri Vinod Babu Gupta,
H.No- 15/74-75, Baba Ghat, Civil Lines, Baragoon Knapur,
District- Kanpur, Nagar- 208001

Ref. No. 523 /Parva/SEAC/4534-4446/2018

Date: 24 November, 2018

Sub: Environmental Clearance for proposed Riverbed Sand/Morrum Mining Project from Betwa River at Khasra No.-10/4, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., (Sanctioned Lease Area-36.437 Ha).

Dear Sir,

Please refer to your application/letter dated 12-10-2018 & 31-10-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 16/11/2018.

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for proposed Riverbed Sand/Morrum Mining Project from Betwa River at Khasra No.-10/4, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., (Sanctioned Lease Area-36.437 Ha).
2. The public hearing was organized on 04/10/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/28608/2018		
2. File No. allotted by SEIAA, UP	4446		
3. Name of Proponent	Shri Rahul Kumar Gupta Authorized Signatory- Shri Rahul Kumar Gupta		
4. Full correspondence address of proponent and mobile no.	Shri Rahul Kumar Gupta Proprietor- Shri Rahul Kumar Gupta S/o Shri Vinod Babu Gupta, R/o H.No. 15/74-75, Baba Ghat, Civil Lines, Baragoon, Kanpur, District- Kanpur Nagar, U.P.		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 10/4		
7. Name of River	Betwa		
8. Name of Village	Beri		
9. Tehsil	Hamirpur		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	36.437 ha		
13. Mineable Area (in ha)	31.287 ha		
14. Zero level mRL	94 n RL		
15. Max. & Min. mrl within lease area	100 mRL and 98 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	25°52'56.72"N	79°56'3.80"E

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E.C. for proposed Riverbed Sand/Morrum Mining Project from Betwa River at Khara No.-10/4, Village- Bari, Tehsil- Hamirpur, District-Hamirpur, U.P. (Sanctioned Lease Area-36.437 Ha).

	B	25°53'10.41"N	79°56'21.33"E
	C	25°52'53.02"N	79°56'34.66"E
	D	25°52'43.25"N	79°56'15.21"E
	Workable Area		
	H	25°52'53.57"N	79°56'6.47"E
	G	25°53'6.29"N	79°56'24.43"E
	C	25°52'53.02"N	79°56'34.66"E
	D	25°52'43.25"N	79°56'15.21"E
	A	25°52'56.72"N	79°56'3.80"E
	B	25°53'10.41"N	79°56'21.33"E
	F	25°53'8.94"N	79°56'22.42"E
	E	25°52'54.65"N	79°56'5.51"E
	Non Workable Area		
	E	25°52'54.65"N	79°56'5.51"E
	F	25°53'8.94"N	79°56'22.42"E
	G	25°53'6.29"N	79°56'24.43"E
	H	25°52'53.57"N	79°56'6.47"E
17. Total Geological Reserves	18,21,850 m ³		
18. Total Mineable Reserves in LOI	5,82,912 m ³ /year		
19. Total Proposed Production	5,82,912 m ³ /year (29,14,560 m ³ in 05 years)		
20. Proposed Production/year	5,82,912 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	27.20 m ³ /day		
23. Method of Mining	Opencast semi-mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 75 labours		
27. No. Of vehicles movement/day	141 units		
28. Type of Land	Non - Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 42 (Hamirpur - Jhansi Road) : 7.0 km ² (SE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.89	
	Suppression of dust	89.98	
	Plantation	0.091	
	Others (Stored Water)	0.10	
	Total	91.36 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No. 814/khanij-M-M-C- Tees- Vividh (2018-19) dated 11/09/2018		
35. Details of Lease Area in approved DSR	Page No 62; Table No.22		
36. Proposed CER cost	2% of total project cost i.e. Rs.43,09,000/-		
37. Proposed EMP cost/ Total Project Cost	Rs 1,40,36,486/- & 21,54,77,000/-		
38. Length and Width of Haul Road	Unpaved Length 5.58 km and Paved Length 21.31 km and 6 m width		
39. No. of Trees to be Planted	273		

4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.

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5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category- 1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 16/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 24/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 5,82,912 m³/year is proposed from mining lease area 36.437 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Morram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form



- a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken, Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 07/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
 36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.



E.C. for proposed Riverbed Sand/Morrum Mining Project from Betwa River at Khazra No.-10/4, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., (Sanctioned Lease Area-36.437 Ha).

37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. Pakkamotorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Water quality report should be submitted alongwith compliant report.
7. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
8. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
9. Provision for cylinder to workers should be made for cooking. Provide suitable mask to the workers
10. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.



13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 43,09,000/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
19. Health/insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling with in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHA and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.



E.C. for proposed Riverbed Sand/Morram Mining Project from Betwa River at Khawa No.-18/A, Village: Beri, Tehsil: Hamirpur, District: Hamirpur, U.P., (Sanctioned Lease Area-36.437 Ha).

33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.



52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along-with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.



(Ashish Tiwari)
Member Secretary, SEIAA

Ref. No. /Pary/SEAC/4534-4446/2018 Dated: As above

Copy for Information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.



(Ashish Tiwari)

Member Secretary, SEIAA

Minutes of 354th SEAC Meeting Dated 30/08/2018

	Period of Validity- Up to October 2018
34. Any litigation pending against the project or land in any court	No
35. Details of 500 m Cluster Map & Certificate verified by Mining Officer	2052/Khanij/-30 Bnada 2018 Dated-26/07/2018
36. Details of Lease Area in approved DSR	Given Table No-22 Page No-60 At Sr. No.8
37. Proposed CSR cost	8.05 Lac
38. Proposed EMP cost	21.90 Lac
39. Length and breadth of Haul Road	1200 mtr Length & 6m width haulage road

- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-10

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.

11. Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.-19/4, Village- Teekapur, Tehsil-Maudaha, Distt-Hamirpur, (Leased Area-29.554 Ha.), M/s Kanhaiyan Lal and Sons. File No. 4420/ Proposal No.SIA/UP/MIN/28402/2018

A presentation was made by the project proponent along with their consultant M/s ENV Development Assistance Systems (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- The environmental clearance is sought for riverbed Sand/Morrum Mining Project from Betwa River at Khand No.-19/4, Village- Teekapur, Tehsil- Maudaha, Distt-Hamirpur, (Leased Area-29.554 Ha.), M/s Kanhaiyan Lal and Sons.
- Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/28402/2018
2. File No. allotted by SEIAA, UP	4420
3. Name of Proponent	M/s Kanhaiyalal And Sons Authorized Signatory- Shri Dushyant Singh S/o Shri Udaypal Singh
4. Full correspondence address of proponent and mobile no.	M/s Kanhaiyalal And Sons Proprietor- Shri Umesh Chandra Bansal S/o Shri Kailash Narayan Bansal, R/o Ward No. 08, Near Radha Krishna Temple, Tehsil - Porsa, District - Morena, M.P.
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 19/4
7. Name of River	Betwa
8. Name of Village	Teekapur
9. Tehsil	Maudaha

Minutes of 354th SEAC Meeting Dated 30/08/2018

10. District	Hamirpur	
11. Name of Minor Mineral	Sand/Morrum	
12. Sanctioned Lease Area (in ha)	29.554 ha	
13. Mineable Area (in ha)	24.254 ha	
14. Zero level mRL	94 mRL	
15. Max. & Min mrl within lease area	101 mRL and 98 mRL	
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area	
	Points	Longitude
	A	79°58'31.67"E
	B	79°58'41.65"E
	C	79°58'55.52"E
	D	79°58'41.90"E
	Workable Area	
	A	79°58'31.67"E
	F	79°58'37.56"E
	E	79°58'47.97"E
	D	79°58'41.90"E
	G	79°58'38.52"E
	B	79°58'41.65"E
	C	79°58'55.52"E
	H	79°58'52.79"E
	Non Workable Area	
	F	79°58'37.56"E
G	79°58'38.52"E	
H	79°58'52.79"E	
E	79°58'47.97"E	
17. Total Geological Reserves	14,77,700 m ³	
18. Total Mineable Reserves in LOI	4,72,806 m ³ /year	
19. Total Proposed Production	4,72,806 m ³ /year (23,64,030 m ³ in 05 years)	
20. Proposed Production/year	4,72,806 m ³	
21. Sanctioned Period of Mine lease	5 years	
22. Production of mine/day	1720 m ³ /day	
23. Method of Mining	Opencast Semi-mechanized Method	
24. No. of working days	275 days	
25. Working hours/day	12 hours	
26. No. Of workers	Approximately 52 labours	
27. No. Of vehicles movement/day	115 units	
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	SH 42 (Hamirpur – Jhansi Road) : 6.8 km* (SE)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.52
	Suppression of dust	8.4
	Plantation	0.07
	Others (if any)	-
	Total	8.99 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No. 625/Khami/M/M/C/Tec/17/2018 dated 18/07/2018	
35. Details of Lease Area in approved DSR	Page No. 63; Table No. 20	

36. Proposed CSR cost	5% of total project cost i.e. Rs.7,10,000/-
37. Proposed EMP cost/ Total Project Cost	Rs 33,14,785/- & 1,42,06,000/-
38. Length and Width of Haul Road	1400 m Length and 6 m width
39. No. of Trees to be Planted	123

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-11

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.

12. River Bed Sand/Morrum Mining from River Ken at Gata No.- 62 and 63/1 (Block No.- 29), Village- Khapatiha Kalan, Tehsil-Pailani, District-Banda, U.P., (Leased Area- 17.0 Ha) M/s Jai Shakti Realcon Pvt. Ltd. File No. 4424/ Proposal No.SIA/UP/MIN/28461/2018

A presentation was made by the project proponent along with their consultant M/s Paramarsh (Servicing Environment and Development). The proponent, through the documents submitted and the presentation made, informed the committee that :-

1. The environmental clearance is sought for river bed Sand/Morrum Mining from River Ken at Gata No.- 62 and 63/1 (Block No.- 29), Village- Khapatiha Kalan, Tehsil-Pailani, District-Banda, U.P., (Leased Area- 17.0 Ha) M/s Jai Shakti Realcon Pvt. Ltd.
2. Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/28461/2018
2. File No. allotted by SEIAA, UP	4424
3. Name of Proponent	M/s Jai Shakti Realcon Pvt. Ltd Shri Shiv Pratap Singh S/o Shri Kallu Singh
4. Full correspondence address of proponent and mobile no.	R/o A 17, Lawrence Terrace, Hazaratganj, District - Lucknow, Uttar Pradesh
5. Name of Project	Sand/morrum Mining Project
6. Project location (Plot/Khasra/Gata No.)	Ga a No 62 and 63/1 (Block No – 29) at Village – Khapatiha Kalan, Tehsil- Pailani, District- Banda, U. P.
7. Name of River	Ken
8. Name of Village	Khapatiha Kalan
9. Tehsil	Pailani
10. District	Banda
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in Ha.)	17.0 ha
13. Mineable Area (in Ha.)	15.304 ha
14. Zero level mRL	87.0 mRL*
15. Max. & Min mrl within lease area	Highest mRL is 97.60mRL Lowest mRL is 89.7 mRL

Annexure-1

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Regional combined EMP study should be carried out.
3. Regional combined area of homogeneous leases in cluster situation should be verified by DMO.
4. ~~Certificate from Mining Officer that there is no other mining area exist within 500m periphery.~~
5. CER cost to be calculated for individual lease.
6. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
7. The lab conducting the analysis should be authenticated and registered.
8. Public hearing to be conducted as per EIA Notification, 2006.
9. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
10. Approved mining plans for all the mining projects.
11. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
12. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
13. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
14. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
15. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
16. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
17. Impact of change of land use should be given.
18. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
19. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
20. 02 km kachcha haul road to be made motorable. Submit Plan.

21. One season (Non Monsoon) primary baseline data on ambient air quality (PM2.5, PM10, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
22. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10 particularly for free silica should be given.
23. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
24. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
25. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
26. Details of water conservation measures proposed to be adopted in the project should be given.
27. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
28. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
29. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
30. Details of rainwater harvesting proposed, if any, in the project should be provided.
31. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
32. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
33. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
34. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
35. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
36. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
37. Phase-wise plan of green belt development, plantation and compensatory afforestation should be

- charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
38. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 39. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 40. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 41. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 42. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 43. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 44. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 45. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 46. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 47. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 48. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 49. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 50. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand-1, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : doepupko@yahoo.com

Website : www.seiaapp.in

To,

Shri Dushyant Singh,
S/o Shri Udaypal Singh,
Authorized Signatory,
H.No- 131, Nirvada, Tehsil- Maudaha,
District- Hamirpur, U.P- 21051

Ref. No.....381...../Parya/SEAC/4420/2018

Date: 22 October, 2018

Sub: Terms of Reference for proposed riverbed Sand/Morrum Mining Project from Betwa River at Khand No.-19/4, Village- Teekapur, Tehsil- Maudaha, Distt-Hamirpur, (Leased Area- 29.554 Ha.), M/s Kanhaiyan Lal and Sons.

Dear Sir,

Please refer to your application/letter dated 27/07/2018 & 31/07/2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 30/08/2018 and SEIAA in its meeting dated 11/09/2018.

A presentation was made by the project proponent along with their consultant M/s ENV Development Assistance Systems (I) Pvt Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

1. The environmental clearance is sought for riverbed Sand/Morrum Mining Project from Betwa River at Khand No.-19/4, Village- Teekapur, Tehsil- Maudaha, Distt-Hamirpur, (Leased Area-29.554 Ha.), M/s Kanhaiyan Lal and Sons.
2. Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/28402/2018
2. File No. allotted by SEIAA, UP	4420
3. Name of Proponent	M/s Kanhaiyalal And Sons Authorized Signatory- Shri Dushyant Singh S/o Shri Udaypal Singh
4. Full correspondence address of proponent and mobile no.	M/s Kanhaiyalal And Sons Proprietor- Shri Umesh Chandra Bansal S/o Shri Kailash Narayan Bansal, R/o Ward No. 08, Near Radha Krishna Temple, Tehsil - Porsa, District - Morena, M.P.
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 19/4
7. Name of River	Betwa
8. Name of Village	Teekapur
9. Tehsil	Maudaha
10. District	Hamirpur
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	29.554 ha
13. Mineable Area (in ha)	24.254 ha
14. Zero level mRL	94 m RL
15. Max. & Min mrl within lease	101 mRL and 98 mRL

area			
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	25°54'5.70"N	79°58'31.67"E
	B	25°54'23.48"N	79°58'41.65"E
	C	25°54'9.92"N	79°58'55.52"E
	D	25°53'55.49"N	79°58'41.90"E
	Workable Area		
	A	25°54'5.70"N	79°58'31.67"E
	F	25°54'16.12"N	79°58'37.56"E
	E	25°54'1.92"N	79°58'47.97"E
	D	25°53'55.49"N	79°58'41.90"E
	G	25°54'17.92"N	79°58'38.52"E
	B	25°54'23.48"N	79°58'41.65"E
	C	25°54'9.92"N	79°58'55.52"E
	H	25°54'7.07"N	79°58'52.79"E
Non Workable Area			
F	25°54'16.12"N	79°58'37.56"E	
G	25°54'17.92"N	79°58'38.52"E	
H	25°54'7.07"N	79°58'52.79"E	
E	25°54'1.92"N	79°58'47.97"E	
17. Total Geological Reserves	14,77,700 m ³		
18. Total Mineable Reserves in LOI	4,72,806 m ³ /year		
19. Total Proposed Production	4,72,806 m ³ /year (23,64,030 m ³ in 05 years)		
20. Proposed Production/year	4,72,806 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1720 m ³ /day		
23. Method of Mining	Opencast Semi-mechanized Method		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	115 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 42 (Hamirpur – Jhansi Road) : 6.8 km* (SE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	8.4	
	Plantation	0.07	
	Others (if any)	-	
Total	8.99 KLD		
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining	Cluster certificate issued by DMO Hamirpur Letter No.625 /khanij-M-M-C- Tees- Vividh (2018-19)		

Officer	dated 18/07/2018
35. Details of Lease Area in approved DSR	Page No 63; Table No.20
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,10,000/-
37. Proposed EMP cost/ Total Project Cost	Rs 33,14,785/- & 1,42,06,000/-
38. Length and Width of Haul Road	1400 m Length and 6 m width
39. No. of Trees to be Planted	123

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue following terms of reference (TOR) for the preparation of EIA.


1. All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
2. Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
3. MOU signed between the project proponent and the consultant should be submitted.
4. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
5. Regional combined EMP study should be carried out.
6. Regional combined area of homogeneous leases in cluster situation should be verified by DMO.
7. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
8. CER cost to be calculated for individual lease.
9. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
10. The lab conducting the analysis should be NABL accredited or MoEF& CC approved.
11. Public hearing to be conducted as per EIA Notification, 2006.
12. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
13. Approved mining plans for all the mining projects.
14. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
15. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
16. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements

- and other ecological features should be indicated.
17. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
 18. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
 19. A detailed biological study for the study area (core zone and buffer zone (10 km radius of the periphery of the mine lease)) shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
 20. Impact of change of land use should be given.
 21. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
 22. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
 23. 02 km kachcha haul road to be made motorable. Submit Plan.
 24. One season (Non Monsoon) primary baseline data on ambient air quality (PM2.5, PM10, SOx and NOx), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
 25. There should be at least one monitoring station within 500 m of the mine lease in the predominant downwind direction. The mineralogical composition of PM10 particularly for free silica should be given.
 26. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modelling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 27. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 28. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 29. Details of water conservation measures proposed to be adopted in the project should be given.
 30. Impact of the project on the water quality both surface and groundwater should be

- assessed and necessary safeguard measures, if any required should be provided.
31. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 32. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 33. Details of rainwater harvesting proposed, if any, in the project should be provided.
 34. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 35. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 36. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 37. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should covered.
 38. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 39. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 40. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
 41. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 42. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 43. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 44. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 45. Public hearing shall be undertaken as per law. Public hearing points raised and

- commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
46. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 47. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 48. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 49. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 50. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 51. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 52. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 53. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed in EIA reports.


This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shrutika Shukla)
Nodal, SEIAA/
Deputy Director

No. /Parya/SEAC/4420/2018 Dated: As above

Copy with enclosure for information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate, Hamirpur.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Copy to Web Master/ guard file.


(Shrutika Shukla)
Nodal, SEIAA/
Deputy Director

10. River Bed Sand/Morrum Mining Project at Ken River at Block No.-09, Khand No.-03, Gata No.-337, Village-Kanwara, Tehsil & District-Banda, U.P., (Leased Area-24.0 Ha.), M/s Prakash Infrastructure Pvt. Ltd. File No. 4417/Proposal No. SIA/UP/MIN/28424/2018

The SEIAA noted that SEAC has recommended to issue the terms of reference (ToR) for EIA studies. SEIAA gone through the documents/file and found that the project proponent has made an application regarding: River Bed Sand/Morrum Mining Project at Ken River at Block No.-09, Khand No.-03, Gata No.-337, Village-Kanwara, Tehsil & District-Banda, U.P. on leased Area of 24.0 ha whereas in DSR and LOI of the said project part of Gata No.337 has been mentioned. Also Block No.-09 is not mentioned in DSR. Copy of cluster certificate is not available in file. Hence the project proponent should clarify and submit the amended document to SEIAA accordingly.

11. Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.-19/4, Village-Teekapur, Tehsil-Maudaha, Distt-Hamirpur, (Leased Area-29.554 Ha.), M/s Kanhaiyan Lal and Sons. File No. 4420/ Proposal No.SIA/UP/MIN/28402/2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR;s to the title proposal for conducting EIA studies amending Annexed TOR point no. 7 which should be read as:

"The lab conducting the analysis should be NABL accredited or MoEF&CC approved".

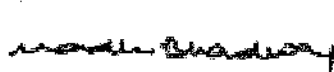
The SEIAA also added the following points to TOR:-

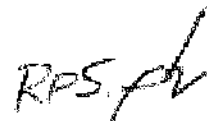
- 1- All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
- 2- Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
- 3- MOU signed between the project proponent and the consultant should be submitted.

12. River Bed Sand/Morrum Mining from River Ken at Gata No.- 62 and 63/1 (Block No.- 29), Village- Khapatihakalan, Tehsil-Pailani, District-Banda, U.P., (Leased Area- 17.0 Ha) M/s Jai Shakti Reakon Pvt. Ltd. File No. 4424/ Proposal No.SIA/UP/MIN/28461/2018

The SEIAA noted that SEAC has recommended to issue the terms of reference (ToR) for EIA studies. SEIAA gone through the documents/file and found that the project proponent has made an application regarding: River Bed Sand/Morrum Mining from River Ken at Gata No.- 62 and 63/1 (Block No.- 29), Village- Khapatihakalan, Tehsil-Pailani, District-Banda, U.P. on leased Area of 17.0 ha wherein the project proponent has made an application for greater production capacity than what has been mentioned in LOI. No reason/comments has been mentioned by SEAC for greater production.







- 4. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-23/12, Village- BhediKharka, Tehsil- Sarila, District-Hamirpur, U.P., Sanctioned Lease Area-12.145 Ha, M/s Yadav and Sons. File No. 4529/4429/Proposal No. SIA/UP/MIN/29521/2018**

RESOLUTION AGAINST AGENDA NO-04

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

- 5. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-19/4 , Village- Teekapur, Tehsil- Maudaha, District-Hamirpur, U.P., Sanctioned Lease Area-29.554 Ha, M/s KanhaiyanLal And Sons. File No. 4531/4420/Proposal No. SIA/UP/MIN/29514/2018**

RESOLUTION AGAINST AGENDA NO-05

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

- 6. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-19/5, Village- Teekapur, Tehsil- Maudaha, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha, M/s Kamtanath Enterprises Pvt. Ltd. File No. 4532/4426/Proposal No. SIA/UP/MIN/29515/2018**

RESOLUTION AGAINST AGENDA NO-06

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

- 7. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-10/33, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-20.242 Ha, M/s New PraveeraInfrāightPvt. Ltd. File No. 4533/4438/Proposal No. SIA/UP/MIN/29516/2018**

RESOLUTION AGAINST AGENDA NO-07

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

- 8. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khasra No.-10/4, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha. File No. 4534/4446/Proposal No. SIA/UP/MIN/29517/2018**

RESOLUTION AGAINST AGENDA NO-08

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

4. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-23/12, Village- BhediKharka, Tehsil- Sarila, District-Hamirpur, U.P., Sanctioned Lease Area-12.145 Ha, M/s Yadav and Sons, File No. 4529/4429/Proposal No. SIA/UP/MIN/29521/2018

The SEIAA agreed with the recommendations of the SEAC to defer the case for the next meeting. However, SEIAA opined that in future written request should be taken from project proponent for deferment of case.

5. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-19/4, Village- Teekapur, Tehsil- Maudaha, District-Hamirpur, U.P., Sanctioned Lease Area-29.554 Ha, M/s Kanhaiyalal And Sons, File No. 4531/4420/Proposal No. SIA/UP/MIN/29514/2018

The SEIAA agreed with the recommendations of the SEAC to defer the case for the next meeting. However, SEIAA opined that in future written request should be taken from project proponent for deferment of case.

6. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-19/5, Village- Teekapur, Tehsil- Maudaha, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha, M/s Kamtanath Enterprises Pvt. Ltd. File No. 4532/4426/Proposal No. SIA/UP/MIN/29515/2018

The SEIAA agreed with the recommendations of the SEAC to defer the case for the next meeting. However, SEIAA opined that in future written request should be taken from project proponent for deferment of case.

7. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-10/33, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-20.242 Ha, M/s New Praveerainfrahigh Pvt. Ltd, File No. 4533/4438/Proposal No. SIA/UP/MIN/29516/2018

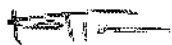
The SEIAA agreed with the recommendations of the SEAC to defer the case for the next meeting. However, SEIAA opined that in future written request should be taken from project proponent for deferment of case.

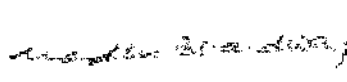
8. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khasra No.-10/4, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha, File No. 4534/4446/Proposal No. SIA/UP/MIN/29517/2018

The SEIAA agreed with the recommendations of the SEAC to defer the case for the next meeting. However, SEIAA opined that in future written request should be taken from project proponent for deferment of case.

9. Proposed Riverbed Sand/Morrum Mining Project from Ken River of M/s K.K. Associates located at Khand No.-10/27 to10/28, Village- Kataaiya, Tehsil- Chail, District-Kaushambi, Uttar Pradesh, Sanctioned Lease Area-24.28 Ha, File No. 4535/4385/Proposal No. SIA/UP/MIN/29538/2018

The SEIAA agreed with the recommendations of the SEAC to defer the case for the next meeting. However, SEIAA opined that in future written request should be taken from project proponent for deferment of case.



 Rosifh

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand- I, Ganti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : doenvpko@yahoo.com

Website : www.seiaaup.in

To,

Shri Dushyant Singh,
S/o Shri Udaypal Singh,
H.No- 131, nivada, Tehsil- Maudaha,
District- Hamirpur, U.P-210501

Ref. No. 520/Parya/SEAC/4531-4420/2018

Date: 24 November, 2018

Sub: Environmental Clearance for proposed Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.-19/4, Village- Teekapur, Tehsil- Maudaha, District-Hamirpur, U.P., Sanctioned Lease Area-29.554 Ha, M/s Kanhaiyalal And Sons.

Dear Sir,

Please refer to your application/letter dated 27-07-2018, 31-07-2018, 12-10-2018 & 31-10-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 15/11/2018.

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for proposed Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.-19/4, Village- Teekapur, Tehsil- Maudaha, District-Hamirpur, U.P., Sanctioned Lease Area-29.554 Ha, M/s Kanhaiyalal And Sons.
2. Terms of reference in the matter were issued through SEIAA letter dated 22/10/2018.
3. The public hearing was organized on 04/10/2018.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SI/UP/MIN/28402/2018
2. File No. allotted by SEIAA, UP	4420
3. Name of Proponent	M/s Kanhaiyalal And Sons Authorized Signatory- Shri Dushyant Singh S/o Shri Udaypal Singh
4. Full correspondence address of proponent and mobile no.	M/s Kanhaiyalal And Sons Proprietor- Shri Umesh Chandra Bansal S/o Shri Kailash Narayan Bansal, R/o Ward No. 08, Near Radha Krishna Temple, Tehsil - Porsa, District - Morena, M.P.
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 19/4
7. Name of River	Betwa
8. Name of Village	Teekapur
9. Tehsil	Maudaha
10. District	Hamirpur
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	29.554 ha
13. Mineable Area (in ha)	24.254 ha
14. Zero level mRL	94 mRL
15. Max. & Min mri within lease area	101 mRL and 98 mRL

[Signature]

16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	25°54'5.70"N	79°58'31.67"E
	B	25°54'23.48"N	79°58'41.65"E
	C	25°54'9.92"N	79°58'55.52"E
	D	25°53'55.49"N	79°58'41.90"E
	Workable Area		
	A	25°54'5.70"N	79°58'31.67"E
	F	25°54'16.12"N	79°58'37.56"E
	E	25°54'1.92"N	79°58'47.97"E
	D	25°53'55.49"N	79°58'41.90"E
	G	25°54'17.92"N	79°58'38.52"E
	B	25°54'23.48"N	79°58'41.65"E
	C	25°54'9.92"N	79°58'55.52"E
	H	25°54'7.07"N	79°58'52.79"E
	Non Workable Area		
	F	25°54'16.12"N	79°58'37.56"E
	G	25°54'17.92"N	79°58'38.52"E
	H	25°54'7.07"N	79°58'52.79"E
	E	25°54'1.92"N	79°58'47.97"E
17. Total Geological Reserves	14,77,700 m ³		
18. Total Mineable Reserves in LOI	4,72,806 m ³ /year		
19. Total Proposed Production	4,72,806 m ³ /year (23,64,030 m ³ in 05 years)		
20. Proposed Production/year	4,72,806 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1720 m ³ /day		
23. Method of Mining	Opencast Semi-mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 72 labours		
27. No. Of vehicles movement/day	115 units		
28. Type of Land	Non - Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 42 (Hamirpur - Jhansi Road) : 6.8 km* (SE)		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		1.70
	Suppression of dust		33.28
	Plantation		0.074
	Others (Stored water)		0.10
	Total		35.16 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. KABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.625 /khanij-M-M-C- Tees- Vividh (2018-19) dated 18/07/2018		
35. Details of Lease Area in approved DSR	Page No 63; Table No.20		
36. Proposed CER cost	2% of total project cost i.e. Rs.36,34,100/-		
37. Proposed EMP cost/ Total Project Cost	Rs 62,58,944/- & 18,17,04,900/-		
38. Length and Width of Haul Road	Unpaved Length 2.08 km and Paved Length 17.24 km and 6 m width		



39. No. of Trees to be Planted	221
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5. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
6. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
7. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
8. There is no litigation pending in any court regarding this project.
9. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 15/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 24/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 4,72,806 m³/year is proposed from mining lease area 29.554 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This Environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Morrum will not in any way disturb the velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/Institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, U/PCB and SEIAA and this activity should be completed before the start of sand mining.



18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZillaParisd/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and a Idress and details of beneficiary and gram pradhan along with phone number, photographs should be sub mitted to Directorate as well as to the District magistrate / Chief Development officers.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpos, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking



- required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
 38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
 39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
 40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
 41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
 42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
 43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
 44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
 45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
 46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
 47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
 48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. Pakkamotorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.



12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 36,34,100/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
19. Health/insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling within in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C. issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.



32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/morram from the river bank only.
34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored ((TDS, DC, pH, Faecal Coliform and Total Suspended Solids (TSS)).
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in>



- and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
 53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1987.
 55. Waste water from potable use be collected and reused for sprinkling.
 56. During the school opening and closing time vehicle movement will be restricted.
 57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along-with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.


(Ashish Tiwari)

Member Secretary, SEIAA

Ref. No. 20 /Parya/SEAC/4531-4420/2018 Dated: As above

Copy for Information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.


(Ashish Tiwari)

Member Secretary, SEIAA

Minutes of 354th SEAC Meeting Dated 30/08/2018

23. Method of Mining	Opencast Semi-mechanized Method	
24. No. of working days	250	
25. Working hours/day	8 hrs	
26. No. Of workers	80	
27. No. Of vehicles movement/day	129	
28. Type of Land	Govt./Non Forest Land	
29. Ultimate Depth of Mining	3.0m	
30. Nearest metalled road from site	0.45 KM	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	2.00
	Suppression of dust	4.00
	Plantation	2.50
	Others (if any)	0.00
	Total	8.50
32. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh (Servicing Environment and Development) 106 Oct. 31 st 2018	
33. Any litigation pending against the project or land in any court	No	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-1305 dated 11.06.2018	
35. Details of Lease Area in approved DSR	Page no.63, Table No. 82.	
36. Proposed CSR cost	1.94 Lac/annum	
37. Proposed EMP cost	ToR	
38. Length and breadth of Haul Road	0.45 KM	

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-13

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.

14. Proposed Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.-19/5, Village- Teekapur, Tehsil- Maudaha, District-Hamirpur, U.P., (Sanctioned Lease Area-36.437 Ha.), M/s Kamtanath Enterprises Pvt. Ltd. ~~File No. 2426~~ Proposal No.SIA/UP/MIN/28470/2018

A presentation was made by the project proponent along with their consultant M/s ENV Development Assistance Systems (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

1. The environmental clearance is sought for riverbed Sand/Morrum Mining project from Betwa River at Khand No.-19/5, Village-Teekapur, Tehsil-Maudaha, District-Hamirpur, U.P., (Sanctioned Lease Area-36.437 Ha.), M/s Kamtanath Enterprises Pvt. Ltd.
2. Salient features of the project is as follows:

1. On-line proposal No.	SIA/UF/MIN/28470/2018																																																
2. File No. allotted by SEIAA, UP	4326																																																
3. Name of Proponent	M/s Kamtanath Enterprises Private Limited Authorized Signatory- Shri Dushyant Singh S/o Shri Udaypal Singh																																																
4. Full correspondence address of proponent and mobile no.	M/s Kamtanath Enterprises Private Limited Proprietor- Shri Rajesh Kumar Gangele S/o Shri Bhagwan Das Gangele, R/o H.No. 02, Bhawani Nagar, In front of Renault showroom, Near Amit Motors, J. K. Road, Tehsil - Sadar, District - Bhopal, M.P.																																																
5. Name of Project	Sand/Morrum Mining																																																
6. Project location (Plot/Khasra/Gata No.)	Khand No. 19/5																																																
7. Name of River	Betwa																																																
8. Name of Village	Teekapur																																																
9. Tehsil	Maudaha																																																
10. District	Hamirpur																																																
11. Name of Minor Mineral	Sand/Morrum																																																
12. Sanctioned Lease Area (in ha)	36.437 ha																																																
13. Mineable Area (in ha)	24.537 ha																																																
14. Zero level mRL	94 mRL																																																
15. Max. & Min mrl within lease area	101 mRL and 98 mRL																																																
16. Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th colspan="3">Sanctioned Area</th> </tr> <tr> <th>Points</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>25°53'37.91"N</td> <td>79°58'52.21"E</td> </tr> <tr> <td>B</td> <td>25°53'45.93"N</td> <td>79°59'7.57"E</td> </tr> <tr> <td>C</td> <td>25°54'9.92"N</td> <td>79°58'55.52"E</td> </tr> <tr> <td>D</td> <td>25°53'55.49"N</td> <td>79°58'41.90"E</td> </tr> <tr> <th colspan="3">Workable Area</th> </tr> <tr> <td>A</td> <td>25°53'37.91"N</td> <td>79°58'52.21"E</td> </tr> <tr> <td>E</td> <td>25°53'42.60"N</td> <td>79°59'1.18"E</td> </tr> <tr> <td>F</td> <td>25°54'4.13"N</td> <td>79°58'50.05"E</td> </tr> <tr> <td>D</td> <td>25°53'55.49"N</td> <td>79°58'41.90"E</td> </tr> <tr> <th colspan="3">Non Workable Area</th> </tr> <tr> <td>B</td> <td>25°53'45.93"N</td> <td>79°59'7.57"E</td> </tr> <tr> <td>C</td> <td>25°54'9.92"N</td> <td>79°58'55.52"E</td> </tr> <tr> <td>E</td> <td>25°53'42.60"N</td> <td>79°59'1.18"E</td> </tr> <tr> <td>F</td> <td>25°54'4.13"N</td> <td>79°58'50.05"E</td> </tr> </tbody> </table>	Sanctioned Area			Points	Latitude	Longitude	A	25°53'37.91"N	79°58'52.21"E	B	25°53'45.93"N	79°59'7.57"E	C	25°54'9.92"N	79°58'55.52"E	D	25°53'55.49"N	79°58'41.90"E	Workable Area			A	25°53'37.91"N	79°58'52.21"E	E	25°53'42.60"N	79°59'1.18"E	F	25°54'4.13"N	79°58'50.05"E	D	25°53'55.49"N	79°58'41.90"E	Non Workable Area			B	25°53'45.93"N	79°59'7.57"E	C	25°54'9.92"N	79°58'55.52"E	E	25°53'42.60"N	79°59'1.18"E	F	25°54'4.13"N	79°58'50.05"E
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17. Total Geological Reserves	18,21,850 m ³																																																
18. Total Mineable Reserves in LOI	5,82,912 m ³ /year																																																
19. Total Proposed Production	5,82,912 m ³ /year (29,14,560 m ³ in 05 years)																																																
20. Proposed Production/year	5,82,912 m ³																																																
21. Sanctioned Period of Mine lease	5 years																																																
22. Production of mine/day	2120 m ³ /day																																																
23. Method of Mining	Opencast Semi-mechanized Method																																																
24. No. of working days	275 days																																																
25. Working hours/day	12 hours																																																
26. No. Of workers	Approximately 52 labours																																																
27. No. Of vehicles movement/day	141 units																																																
28. Type of Land	Non - / gricultural, Government Waste Land (Revenue land)																																																

29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	SH 42 (Hamirpur – Jhansi Road) : 6.2 km* (SE)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.52
	Suppression of dust	7.2
	Plantation	0.09
	Total	7.81 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster map certificate issued by DMO Hamirpur, Jhansi No. 02/04/2018, M/M/C, TCC, Jhansi dated 13/07/2018	
35. Details of Lease Area in approved DSR	Page No 63; Table No.20	
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,18,000/-	
37. Proposed EMP cost/ Total Project Cost	Rs 35,97,690/- & 1,43,59,000/-	
38. Length and Width of Haul Road	1400 m Length and 6 m width	
39. No. of Trees to be Planted	123	

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-14

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.

15. Group Housing Project at Plot No.-139, Block-H, Scheme-1, Fazalganj, Kanpur, U.P. M/s Tapasya Projects Ltd. File No. 4221/ Proposal No.SIA/UP/NCP/24592/2018

The committee noted that the project proponent has applied the project under violation matter in light of MOEFCC, Govt. of India Notification dated 08/03/2018. A presentation was made by the project proponent along with their consultant M/s Ecomen Laboratories Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

1. The environmental clearance is sought for Group Housing Project at Plot No.-139, Block-H, Scheme-1, Fazalganj, Kanpur, U.P. M/s Tapasya Projects Ltd.
2. Project construction details of the project (as on date):

Particular	AS per Approved Plan/ Others	Status As on Date (Construction/ others)
Land area	13112.05 m ²	13112.05 m ²
Net Plot for FAR	13112.05 m ²	13112.05 m ²

Annexure-1

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Regional combined EMP study should be carried out.
3. Regional combined area of homogeneous leases in cluster situation should be verified by DMO.
4. ~~Certificate from Mining Office that there is no other mining area exist within 500 m periphery.~~
5. CER cost to be calculated for individual lease.
6. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
7. The lab conducting the analysis should be authenticated and registered.
8. Public hearing to be conducted as per EIA Notification, 2006.
9. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
10. Approved mining plans for all the mining projects.
11. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
12. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
13. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
14. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
15. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
16. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
17. Impact of change of land use should be given.
18. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
19. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
20. 02 km kachcha haul road to be made motorable. Submit Plan.

21. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
22. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
23. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
24. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
25. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
26. Details of water conservation measures proposed to be adopted in the project should be given.
27. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
28. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
29. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
30. Details of rainwater harvesting proposed, if any, in the project should be provided.
31. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
32. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
33. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
34. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
35. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
36. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
37. Phase-wise plan of green belt development, plantation and compensatory afforestation should be

- charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
38. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 39. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 40. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 41. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 42. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 43. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 44. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 45. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 46. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 47. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 48. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 49. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 50. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand-1, Gomti Nagar, Lucknow-226010

Phone: 91-522-2300 541, Fax: 91-522-2300 543

E-mail: docuplka@yahoo.com

Website: www.seiaaup.in

To,

**Shri Dushyant Singh,
S/o Shri Udaypal Singh,
Authorized Signatory,
H.no- 131, Nivada, Tehsil- Maudaha,
District- Hamirpur, U.P- 210501**

Ref. No.³⁸⁹...../Parya/SEAC/4426/2017

Date: 22/10/September, 2018

Sub: Terms of Reference for proposed riverbed Sand/Morrum Mining project from Betwa River at Khand No.-19/5, Village-Teekapur, Tehsil-Maudaha, District-Hamirpur, U.P., (Sanctioned Lease Area-36.437 Ha.), M/s Kamtanath Enterprises Pvt. Ltd.

Dear Sir,

Please refer to your application/letter dated 30-07-2018 & 31-07-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 30/08/2018 and SEIAA in its meeting dated 11/09/2018.

A presentation was made by the project proponent along with their consultant M/s ENV Development Assistance Systems (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

1. The environmental clearance is sought for riverbed Sand/Morrum Mining project from Betwa River at Khand No.-19/5, Village-Teekapur, Tehsil-Maudaha, District-Hamirpur, U.P., (Sanctioned Lease Area-36.437 Ha.), M/s Kamtanath Enterprises Pvt. Ltd.
2. Salient features of the project is as follows:

1. On-line proposal No.	SIA/UP/MIN/28470/2018		
2. File No. allotted by SEIAA, UP	4426		
3. Name of Proponent	M/s Kamtanath Enterprises Private Limited Authorized Signatory- Shri Dushyant Singh S/o Shri Udaypal Singh		
4. Full correspondence address of proponent and mobile no.	M/s Kamtanath Enterprises Private Limited Proprietor- Shri Rajesh Kumar Gangele S/o Shri Bhagwan Das Gangele, R/o H.No. 02, Bhawani Nagar, In front of Renault showroom, Near Amit Motors, J. K. Road Tehsil - Sadar, District - Bhopal, M.P.		
5. Name of Project	Sand Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 19/5		
7. Name of River	Betwa		
8. Name of Village	Teekapur		
9. Tehsil	Maudaha		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	36.437 ha		
13. Mineable Area (in ha)	24.557 ha		
14. Zero level mRL	94 mRL		
15. Max. & Min mrl within lease area	101 mRL and 98 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	1	25°53'37.91"N	79°58'52.21"E
	3	25°53'45.93"N	79°59'7.57"E

	C	25°54'9.92"N	79°58'53.52"E
	D	25°53'55.49"N	79°58'41.90"E
	Workable Area		
	A	25°53'37.91"N	79°58'52.21"E
	E	25°53'42.60"N	79°59'1.18"E
	F	25°54'4.13"N	79°58'50.05"E
	D	25°53'55.49"N	79°58'41.90"E
	Non Workable Area		
	B	25°53'45.93"N	79°59'7.57"E
	C	25°54'9.92"N	79°58'55.52"E
	E	25°53'42.60"N	79°59'1.18"E
	F	25°54'4.13"N	79°58'50.05"E
17. Total Geological Reserves	18,21,850 m ³		
18. Total Mincable Reserves in LOI	5,82,912 m ³ /year		
19. Total Proposed Production	5,82,912 m ³ /year (29,14,560 m ³ in 05 years)		
20. Proposed Production/year	5,82,912 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2120 m ³ /day		
23. Method of Mining	Open cast Semi-mechanized Method		
24. No. of working days	27 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	141 units		
28. Type of Land	Non - Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 42 (Hamirpur - Jhansi Road) : 6.2 km* (SE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	7.2	
	Plantation	0.09	
	Others (if any)	-	
	Total	7.81 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/ELA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 300 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Lener No.626/khanj-M-M-C- Tees- Vividh (2018-19) dated 18/07/2018		
35. Details of Lease Area in approved DSR	Page No 63; Table No.20		
36. Proposed CSR cost	5% of total project cost i.e. Rs. 7,18,000/-		
37. Proposed EMP cost: Total Project Cost	Rs 35,97,690/- & 1,43,59,000/-		
38. Length and Width of Haul Road	1400 m Length and 6 m width		
39. No. of Trees to be Planted	123		

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue following terms of reference (TOR) for the preparation of EIA.

1. All pages of technical documents/EIA/EMP etc. should be signed by the consultant and

- project proponent both.
2. Copy of all the analysis reports signed by analyst approved by NABL or MoEF& CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
 3. MOU signed between the project proponent and the consultant should be submitted.
 4. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
 5. Regional combined EMP study should be carried out.
 6. Regional combined area of homogeneous leases in cluster situation should be verified by DMO.
 7. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
 8. CER cost to be calculated for individual lease.
 9. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
 10. The lab conducting the analysis should be NABL accredited or MoEF& CC approved.
 11. Public hearing to be conducted as per EIA Notification, 2006.
 12. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
 13. Approved mining plans for all the mining projects.
 14. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
 15. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
 16. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
 17. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
 18. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
 19. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
 20. Impact of change of land use should be given.
 21. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
 22. R & R plan / compensation details for the project affected people should be furnished.

While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.

23. 02 km kachcha haul road to be made motorable. Submit Plan.
24. One season (Non Monsoon) primary baseline data on ambient air quality (PM2.5, PM10, SOx and NOx), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
25. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10 particularly for free silica should be given.
26. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
27. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
28. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
29. Details of water conservation measures proposed to be adopted in the projected should be given.
30. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
31. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
32. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
33. Details of rainwater harvesting proposed, if any, in the project should be provided.
34. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
35. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).

36. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
37. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
38. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
39. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
40. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
41. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
42. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
43. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
44. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
45. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
46. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
47. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
48. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
49. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
50. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
51. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
52. The hierarchical system or Administrative order of the company to deal with the

environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.

53. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.


This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

No..... /Parya/SEAC/4426/2018 Dated: As above

Copy with enclosure for information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. District Magistrate, Hamirpur.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Copy to Web Master/ guard file.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

14. Proposed Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.-19/5, Village- Teekapur, Tahsil- Maudaha, District-Hamirpur, U.P., (Sanctioned Lease Area- 36.437 Ha.), M/s Kamtanath Enterprises Pvt. Ltd. File No. 4426/ Proposal No.SIA/UP/MIN/28470/2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional ToR:s to the title proposal for conducting EIA studies amending Annexed TOR point no. 7 which should be read as-

"The lab conducting the analysis should be NABL accredited or MoEF&CC approved".

The SEIAA also added the following points to TOR:-

- 1- All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
- 2- Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
- 3- MOU signed between the project proponent and the consultant should be submitted.

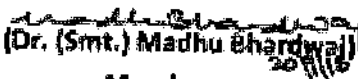
15. Group Housing Project at Plot No.-139, Block-H, Scheme-1, Fazalganj, Kanpur, U.P. M/s Tapasya Projects Ltd. File No. 4221/ Proposal No.SIA/UP/NCP/24592/2018

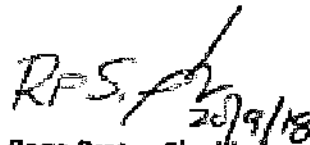
The SEIAA agreed with the recommendation of SEAC to discuss the matter after receiving online information.

16. Residential Complex "Gulmohar Residency" at Khasra No.-527/1, 519, Village- Kanawani, District- Ghaziabad, U.P., M/s SVP Builders (I) Ltd. File No. 4222/ Proposal No.SIA/UP/NCP/24669/2018

The SEIAA noted that SEAC has recommended to issue the terms of reference (ToR) for EIA studies. SEIAA also gone through the resolution against agenda no. 15 of minutes of 354th SEAC meeting dated 30/08/2018 wherein the SEAC also noted that the consultant was unable to present the valid accreditation certificate of QCI and while the same consultant "M/s Ecomen Laboratories Pvt. Ltd." has presented aforesaid case for whom no comments regarding valid accreditation certificate of QCI has been made. Hence, the project is referred back to SEAC.


(Shri Ashish Tiwari, IFS)
Member-Secretary
SEIAA


(Dr. (Smt.) Madhu Bhardwaj)
Member
SEIAA


(Prof. Rana Pratap Singh)
Chairman
SEIAA

4. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-23/12, Village- BhediKharka, Tehsil- Sarila, District-Hamirpur, U.P., Sanctioned Lease Area-12.145 Ha, M/s Yadav and Sons. File No. 4529/4429/Proposal No. SIA/UP/MIN/29521/2018

RESOLUTION AGAINST AGENDA NO-04

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

5. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-19/4 , Village- Teekapur, Tehsil- Maudaha, District-Hamirpur, U.P., Sanctioned Lease Area-29.554 Ha, M/s KanhaiyanLal And Sons. File No. 4531/4420/Proposal No. SIA/UP/MIN/29514/2018

RESOLUTION AGAINST AGENDA NO-05

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

6. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-19/5, Village- Teekapur, Tehsil- Maudaha, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha, M/s Kamtanath Enterprises Pvt. Ltd. File No. 4532/4426/Proposal No. SIA/UP/MIN/29515/2018

RESOLUTION AGAINST AGENDA NO-06

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

7. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-10/33, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-20.242 Ha, M/s New PraveeraInfrahightPvt. Ltd. File No. 4533/4438/Proposal No. SIA/UP/MIN/29516/2018

RESOLUTION AGAINST AGENDA NO-07

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

8. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khasra No.-10/4, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha. File No. 4534/4446/Proposal No. SIA/UP/MIN/29517/2018

RESOLUTION AGAINST AGENDA NO-08

The project proponent through oral requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request. The matter will be discussed only after submission of further online request on prescribed online portal.

4. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-23/12, Village- Bhedikharka, Tehsil- Sarila, District-Hamirpur, U.P., Sanctioned Lease Area-12.145 Ha, M/s Yadav and Sons. File No. 4529/4429/Proposal No. SIA/UP/MIN/29521/2018

The SEIAA agreed with the recommendations of the SEAC to defer the case for the next meeting. However, SEIAA opined that in future written request should be taken from project proponent for deferment of case.

5. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-19/4, Village- Teekapur, Tehsil- Maudaha, District-Hamirpur, U.P., Sanctioned Lease Area-29.554 Ha, M/s Kanhaiyalal And Sons. File No. 4531/4420/Proposal No. SIA/UP/MIN/29514/2018

The SEIAA agreed with the recommendations of the SEAC to defer the case for the next meeting. However, SEIAA opined that in future written request should be taken from project proponent for deferment of case.

6. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-19/5, Village- Teekapur, Tehsil- Maudaha, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha, M/s Kamranath Enterprises Pvt. Ltd. File No. 4532/4426/Proposal No. SIA/UP/MIN/29515/2018

The SEIAA agreed with the recommendations of the SEAC to defer the case for the next meeting. However, SEIAA opined that in future written request should be taken from project proponent for deferment of case.

7. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-10/33, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-20.242 Ha, M/s New PraveerainfrahighPut. Ltd. File No. 4533/4438/Proposal No. SIA/UP/MIN/29516/2018

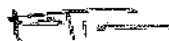
The SEIAA agreed with the recommendations of the SEAC to defer the case for the next meeting. However, SEIAA opined that in future written request should be taken from project proponent for deferment of case.

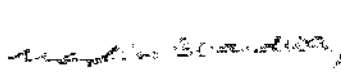
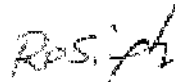
8. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-10/4, Village- Beri, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha, File No. 4534/4446/Proposal No. SIA/UP/MIN/29517/2018

The SEIAA agreed with the recommendations of the SEAC to defer the case for the next meeting. However, SEIAA opined that in future written request should be taken from project proponent for deferment of case.

9. Proposed Riverbed Sand/Morrum Mining Project from Ken River of M/s K.K. Associates located at Khand No.-10/27 to10/28, Village- Kataaiva, Tehsil- Chail, District-Kaushambi, Uttar Pradesh. Sanctioned Lease Area-24.28 Ha, File No. 4535/4385/Proposal No. SIA/UP/MIN/29538/2018

The SEIAA agreed with the recommendations of the SEAC to defer the case for the next meeting. However, SEIAA opined that in future written request should be taken from project proponent for deferment of case.



State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand- I, Gazi Nagar, Lucknow - 226 010

Phone : 91-522-2300541, Fax : 91-522-2300543

E-mail : docuplko@yahoo.com

Website : www.seiaaup.in

To,

Shri Dushyant Singh,
S/o Shri Udaypal Singh,
H.No- 131, nivada, Tehsil- Maudaha,
District- Hamirpur, U.P-210501

Ref. No. 521...../Parya/SEAC/4532-4426/2018Date: 24 November, 2018

Sub: Environmental Clearance for Proposed River bed Sand/Morrum Mining Project from Betwa River located at Khand No.-19/5, Village- Teekapur, Tehsil- Maudaha, District-Hamirpur, U.P., Sanctioned Leased Area-36.437 Ha, M/s Kamtanath Enterprises Pvt. Ltd.

Dear Sir,

Please refer to your application/letter dated 30-07-2018, 31-07-2018, 12-10-2018 & 31-10-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 15/11/2018.

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (India) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Proposed River bed Sand/Morrum Mining Project from Betwa River located at Khand No.-19/5, Village- Teekapur, Tehsil- Maudaha, District-Hamirpur, U.P., Sanctioned Leased Area-36.437 Ha, M/s Kamtanath Enterprises Pvt. Ltd.
2. Terms of reference in the matter were issued through SEIAA letter dated 22/10/2018.
3. The public hearing was organized on 04/10/2018.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SI/JP/MIN/28470/2018
2. File No. allotted by SEIAA, UP	4421
3. Name of Proponent	M/s Kamtanath Enterprises Private Limited Authorized Signatory- Shri Dushyant Singh S/o Shri Udaypal Singh
4. Full correspondence address of proponent and mobile no.	M/s Kamtanath Enterprises Private Limited Proprietor- Shri Rajesh Kumar Gangele S/o Shri Bhagwan Das Gangele, R/o H.No. 02, Bhawani Nagar, in front of Renault showroom, Near Amit Motors, J. K. Road, Tehsil - Sadar, District - Bhopal, M.P.
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 19/5
7. Name of River	Betwa
8. Name of Village	Teekapur
9. Tehsil	Maudaha
10. District	Hamirpur
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	36.437 ha
13. Mineable Area (in ha)	24.537 ha
14. Zero level mRL	94 mRL

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15. Max. & Min mrl within lease area	101 mRL and 98 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	25°53'37.91"N	79°58'52.21"E
	B	25°53'45.93"N	79°59'7.57"E
	C	25°54'9.92"N	79°58'55.52"E
	D	25°53'55.49"N	79°58'41.90"E
	Workable Area		
	A	25°53'37.91"N	79°58'52.21"E
	E	25°53'42.60"N	79°59'1.18"E
	F	25°54'4.13"N	79°58'50.05"E
	D	25°53'55.49"N	79°58'41.90"E
	Non Workable Area		
H	25°53'45.93"N	79°59'7.57"E	
C	25°54'9.92"N	79°58'55.52"E	
E	25°53'42.60"N	79°59'1.18"E	
F	25°54'4.13"N	79°58'50.05"E	
17. Total Geological Reserves	18,21,850 m ³		
18. Total Mineable Reserves in LOI	5,82,912 m ³ /year		
19. Total Proposed Production	5,82,912 m ³ /year (29,14,560 m ³ in 05 years)		
20. Proposed Production/year	5,82,912 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2.20 m ³ /day		
23. Method of Mining	Open cast Semi-mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 84 labours		
27. No. Of vehicles movement/day	141 units		
28. Type of Land	Non - Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 42 (Hamirpur - Jhansi Road) : 6.2 km ² (SE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.98	
	Suppression of dust	17.10	
	Plantation	0.09	
	Others (Stored water)	0.10	
Total	19.27 KLD		
32. Name of QCI Accredited Consultant with QCI No and period of validity.	DMV Development Assistance Systems (I) Pvt. Ltd NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.626/khanij-M-M-C- Tees- Vlwdh (2018-19) dated 18/07/2018		
35. Details of Lease Area in approved DSR	Page No 63, Table No.20		
36. Proposed CER cost	2% of total project cost i.e. Rs.42,57,500/-		
37. Proposed EMP cost/ Total Project Cost	Rs 41,11,736/- & 21,28,78,000/-		
38. Length and Width of Haul Road	Unpaved Length 0.95 km and Paved Length 7.79 km and 6 m width		
39. No. of Trees to be Planted	273		

5. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.

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6. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
7. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
8. There is no litigation pending in any court regarding this project.
9. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 15/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 24/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 5,82,912 m³/year is proposed from mining lease area 36.437 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Morram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form



- a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
 20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
 21. Dispensary facilities for first-aid shall be provided at site.
 22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
 23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
 24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
 25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisad/ Municipal Corporation and Urban Local Body.
 26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
 27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
 28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
 29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
 30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
 31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
 32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
 33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
 34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
 35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
 36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.

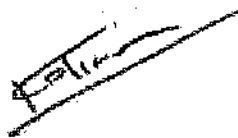
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/Insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

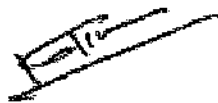
1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. Pakkamotorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
7. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
8. Provision for cylinder to workers should be made for cooking.
9. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
10. Provide suitable mask to the workers.
11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.



13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 42,57,500/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
19. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling with in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse envirc mental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAJ and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.



33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/morram from the river bank only.
34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., gutkha-pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.



52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along-with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.


(Ashish Tiwari)
Member Secretary, SEIAA

Ref. No. 521 /Parya/SEAC/4532-4426/2018 Dated: As above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.


(Ashish Tiwari)
Member Secretary, SEIAA

4. **Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-18/1, Village- Sahurapur, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha, M/s Shri Construction. File No. 4433/ Proposal No. SIA/UP/MIN/28510/2018**

A presentation was made by the project proponent along with their consultant M/s DAS India Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-18/1, Village- Sahurapur, Tehsil- Hamirpur, District- Hamirpur, U.P., (Sanctioned Lease Area-36.437 Ha.), M/s Shri Construction.
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/28510/2018																																																												
2. File No. allotted by SEIAA, UP	4433																																																												
3. Name of Proponent	M/s Shri Construction Authorized Signatory - Shri Atulendra Singh Sengar																																																												
4. Full correspondence address of proponent and mobile no.	M/s Shri Construction Proprietor- Shri Atulendra Singh Sengar S/o Shri Trijendra Singh Sengar, R/o H.No. 129/10, Civil Line, Tehsil - Jhansi, District - Jhansi, Uttar Pradesh																																																												
5. Name of Project	Sand/Morrum Mining																																																												
6. Project location (Plot/Khasra/Gata No.)	Khand No. 18/1																																																												
7. Name of River	Betwa																																																												
8. Name of Village	Sahurapur																																																												
9. Tehsil	Sadar																																																												
10. District	Hamirpur																																																												
11. Name of Minor Mineral	Sand/Morrum																																																												
12. Sanctioned Lease Area (in ha)	36.437 ha																																																												
13. Mineable Area (in ha)	26.937 ha																																																												
14. Zero level mRL	95 mRL																																																												
15. Max. & Min mrl within lease area	102 mRL and 100 mRL																																																												
16. Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th colspan="3">Sanctioned Area</th> </tr> <tr> <th>Points</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>25°53'44.98"N</td> <td>80° 2'2.58"E ✓</td> </tr> <tr> <td>B</td> <td>25°54'4.13"N</td> <td>80° 1'58.88"E ✓</td> </tr> <tr> <td>C</td> <td>25°54'3.32"N</td> <td>80° 2'22.98"E ✓</td> </tr> <tr> <td>D</td> <td>25°53'43.70"N</td> <td>80° 2'22.25"E ✓</td> </tr> <tr> <th colspan="3">Workable Area</th> </tr> <tr> <td>A</td> <td>25°53'44.98"N</td> <td>80° 2'2.58"E ✓</td> </tr> <tr> <td>H</td> <td>25°53'53.18"N</td> <td>80° 2'1.06"E ✓</td> </tr> <tr> <td>G</td> <td>25°53'55.44"N</td> <td>80° 2'22.62"E ✓</td> </tr> <tr> <td>D</td> <td>25°53'43.70"N</td> <td>80° 2'22.25"E ✓</td> </tr> <tr> <td>E</td> <td>25°53'59.33"N</td> <td>80° 1'59.84"E ✓</td> </tr> <tr> <td>B</td> <td>25°54'4.13"N</td> <td>80° 1'58.88"E ✓</td> </tr> <tr> <td>C</td> <td>25°54'3.32"N</td> <td>80° 2'22.98"E ✓</td> </tr> <tr> <td>F</td> <td>25°53'59.24"N</td> <td>80° 2'22.85"E ✓</td> </tr> <tr> <th colspan="3">Non Workable Area</th> </tr> <tr> <td>E</td> <td>25°53'59.33"N</td> <td>80° 1'59.84"E ✓</td> </tr> <tr> <td>F</td> <td>25°53'59.24"N</td> <td>80° 2'22.85"E ✓</td> </tr> <tr> <td>G</td> <td>25°53'55.44"N</td> <td>80° 2'22.62"E ✓</td> </tr> <tr> <td>H</td> <td>25°53'53.18"N</td> <td>80° 2'1.06"E ✓</td> </tr> </tbody> </table>	Sanctioned Area			Points	Latitude	Longitude	A	25°53'44.98"N	80° 2'2.58"E ✓	B	25°54'4.13"N	80° 1'58.88"E ✓	C	25°54'3.32"N	80° 2'22.98"E ✓	D	25°53'43.70"N	80° 2'22.25"E ✓	Workable Area			A	25°53'44.98"N	80° 2'2.58"E ✓	H	25°53'53.18"N	80° 2'1.06"E ✓	G	25°53'55.44"N	80° 2'22.62"E ✓	D	25°53'43.70"N	80° 2'22.25"E ✓	E	25°53'59.33"N	80° 1'59.84"E ✓	B	25°54'4.13"N	80° 1'58.88"E ✓	C	25°54'3.32"N	80° 2'22.98"E ✓	F	25°53'59.24"N	80° 2'22.85"E ✓	Non Workable Area			E	25°53'59.33"N	80° 1'59.84"E ✓	F	25°53'59.24"N	80° 2'22.85"E ✓	G	25°53'55.44"N	80° 2'22.62"E ✓	H	25°53'53.18"N	80° 2'1.06"E ✓
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17. Total Geological Reserves	18,21,850 m ³	✓	
18. Total Mineable Reserves in LOI	5,82,912 m ³ /year	✓	
19. Total Proposed Production	5,82,912 m ³ /year (29,14,560 m ³ in 05 years)	✓	
20. Proposed Production/year	5,82,912 m ³	✓	
21. Sanctioned Period of Mine lease	5 years	✓	
22. Production of mine/day	2120 m ³ /day	✓	
23. Method of Mining	Opencast Semi mechanized	✓	
24. No. of working days	275 days	✓	
25. Working hours/day	12 hours	✓	
26. No. Of workers	Approximately 52 labours	✓	
27. No. Of vehicles movement/day	141 units	✓	
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m	✓	
30. Nearest metalled road from site	SH 42 (Hamirpur- Jhansi Marg) -3.5 km* (SE)	✓	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	✓
	Suppression of dust	14.4	✓
	Plantation	0.18	✓
	Others (if any)	-	
Total	15.10 KLD		
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	✓	
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.818/khamij-M-M-C- Tees- Vividh (2018-19) dated 12/09/2018	✓	
35. Details of Lease Area in approved DSR	Page No 63; Table No.20	✓	
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,18,000/-	✓	
37. Proposed EMP cost/ Total Project Cost	Rs 35,97,690/- & 1,43,59,000/-	✓	
38. Length and Width of Haul Road	1200 m Length and 6 m width	✓	
39. No. of Trees to be Planted	182	✓	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-04

The committee discussed the matter in light of MOEF&CC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes. The committee also stipulated following points:

1. Salient feature should be submitted with photo affidavit.
2. Workable, submerged and total area should be verified by DMO with geo coordinates and submitted along with EIA report.

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Regional combined EMP study should be carried out.
3. Regional combined area of homogeneous leases in cluster situation should be verified by DMO.
4. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
5. CER cost to be calculated for individual lease.
6. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
7. The lab conducting the analysis should be authenticated and registered.
8. Public hearing to be conducted as per EIA Notification, 2006.
9. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
10. Approved mining plans for all the mining projects.
11. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
12. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
13. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
14. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
15. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
16. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
17. Impact of change of land use should be given.
18. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
19. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
20. 02 km kachcha haul road to be made motorable. Submit Plan.

21. One season (Non Monsoon) primary baseline data on ambient air quality (PM2.5, PM10, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
22. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10 particularly for free silica should be given.
23. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
24. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
25. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
26. Details of water conservation measures proposed to be adopted in the project should be given.
27. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
28. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
29. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
30. Details of rainwater harvesting proposed, if any, in the project should be provided.
31. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
32. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
33. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
34. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
35. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
36. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
37. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted.

- The details of plantation already done should be given.
38. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 39. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 40. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 41. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 42. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 43. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 44. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 45. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 46. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 47. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 48. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 49. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 50. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vinod Khand-1, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : docuplko@yahoo.com

Website : www.seiaaup.in

To,

**Shri Atulendra Singh Sengar,
S/o Shri Trijendra Singh Sengar,
Ward no- 64, Sun City Colony, Behind No- 1 School,
Tehsil- Chhatarpur,
District- Chhatarpur, M.P.**

Ref. No. /Parya/SEAC/4433/2018

Date: 13/11 October, 2018

Sub: Terms of Reference for Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-18/1, Village- Sahurapur, Tehsil- Hamirpur, District-Hamirpur, U.P., (Sanctioned Lease Area-36.437 Ha.), M/s Shri Construction.

Dear Sir,

Please refer to your application/letter dated 02-08-2018, 13-08-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The matter was considered by the State Level Expert Appraisal Committee in its meeting held on dated 14-09-2018 and SEIAA in its meeting dated 12-10-2018.

A presentation was made by the project proponent along with their consultant M/s DAS India Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-18/1, Village- Sahurapur, Tehsil- Hamirpur, District- Hamirpur, U.P., (Sanctioned Lease Area-36.437 Ha.), M/s Shri Construction.
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/28510/2018		
2. File No. allotted by SEIAA, UP	4433		
3. Name of Proponent	M/s Shri Construction Authorized Signatory - Shri Atulendra Singh Sengar		
4. Full correspondence address of proponent and mobile no.	M/s Shri Construction Proprietor- Shri Atulendra Singh Sengar S/o Shri Trijendra Singh Sengar, R/o H.No. 129/10, Civil Line, Tehsil - Jhansi, District - Jhansi, Uttar Pradesh		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 18/1		
7. Name of River	Betwa		
8. Name of Village	Sahurapur		
9. Tehsil	Sadar		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	36.437 ha		
13. Mineable Area (in ha)	26.937 ha		
14. Zero level mRL	95 mRL		
15. Max. & Min mrl within lease area	102 mRL and 100 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	25°53'44.98"N	80° 22.58"E

	B	25°54'4.13"N	80° 1'58.88"E
	C	25°54'3.32"N	80° 2'22.98"E
	D	25°53'43.70"N	80° 2'22.25"E
	Workable Area		
	A	25°53'44.98"N	80° 2'2.58"E
	H	25°53'53.18"N	80° 2'1.06"E
	G	25°53'55.44"N	80° 2'22.62"E
	D	25°53'43.70"N	80° 2'22.25"E
	E	25°53'59.33"N	80° 1'59.84"E
	B	25°54'4.13"N	80° 1'58.88"E
	C	25°54'3.32"N	80° 2'22.98"E
	F	25°53'59.24"N	80° 2'22.85"E
	Non Workable Area		
	E	25°53'59.33"N	80° 1'59.84"E
	F	25°53'59.24"N	80° 2'22.85"E
	G	25°53'55.44"N	80° 2'22.62"E
	H	25°53'53.18"N	80° 2'1.06"E
17. Total Geological Reserves	18,21,850 m³		
18. Total Mineable Reserves in LOI	5,82,912 m³/year		
19. Total Proposed Production	5,82,912 m³/year (29,14,560 m³ in 05 years)		
20. Proposed Production/year	5,82,912 m³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2120 m³/day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 52 labours		
27. No. Of vehicles movement/day	141 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 42 (Hamirpur- Jhansi Marg) -3.5 km* (SE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	14.4	
	Plantation	0.18	
	Others (if any)	-	
	Total	15.10 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 007B and Valid till 02/04/2020.		
33. Any litigation pending against the project or land in any court	None		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.818/khanij-M-M-C- Tees- Vividh (2018-19) dated 12/09/2018		
35. Details of Lease Area in approved DSR	Page No 63; Table No.20		
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,18,000/-		

37. Proposed EMP cost/ Total Project Cost	Rs 35,97,690/- & 1,43,59,000/-
38. Length and Width of Haul Road	1200 m Length and 6 m width
39. No. of Trees to be Planted	182

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue following terms of reference (TOR) for the preparation of EIA.

1. Salient feature should be submitted with photo affidavit.
2. Workable, submerged and total area should be verified by DMD with geo coordinates and submitted along with EIA report.
3. All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
4. Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
5. MOU signed between the project proponent and the consultant should be submitted.
6. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
7. Regional combined EMP study should be carried out.
8. Regional combined area of homogeneous leases in cluster situation should be verified by DMO.
9. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
10. CER cost to be calculated for individual lease.
11. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
12. The lab conducting the analysis should be NABL accredited or MoEF&CC approved.
13. Public hearing to be conducted as per EIA Notification, 2006.
14. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
15. Approved mining plans for all the mining projects.
16. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
17. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
18. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
19. Land use plan of mine lease area should be prepared to encompass pre-operational,

- operational and post-operational phases and submitted.
20. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
 21. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
 22. Impact of change of land use should be given.
 23. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
 24. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
 25. 02 km kachcha haul road to be made motorable. Submit Plan.
 26. One season (Non Monsoon) primary baseline data on ambient air quality (PM2.5, PM10, SOx and NOx), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
 27. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10 particularly for free silica should be given.
 28. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 29. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 30. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 31. Details of water conservation measures proposed to be adopted in the project should be given.
 32. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 33. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case

- the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
34. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 35. Details of rainwater harvesting proposed, if any, in the project should be provided.
 36. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 37. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 38. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 39. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should covered.
 40. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 41. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 42. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
 43. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 44. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 45. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 46. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 47. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 48. Details of litigation pending against the project, if any, with direction / order passed by any

Court of Law against the project should be given.

49. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
50. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
51. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
52. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
53. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
54. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
55. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed in EIA reports.


This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended. You are advised to submit the EIA/EMP incorporating recommendations of public hearing for further consideration of the matter as per procedure laid down in the Gazette Notification SO 1533(E) dated 14/09/2006 as amended. The matter will not be considered pending till your reply as above is received.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

No..... /Parya/SEAC/4433/2018 Dated: As above

Copy with enclosure for information and necessary action to:

1. The Principal Secretary, Department of Environment, Govt. of Uttar Pradesh, Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Allganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Allganj, Lucknow.
4. District Magistrate, Hamirpur.
5. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
6. Copy to Web Master/ guard file.


(Shruti Shukla)
Nodal, SEIAA/
Deputy Director

- 2- Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
- 3- MOU signed between the project proponent and the consultant should be submitted.

3. Proposed Riverbed Sand/Morrum Project from Yamun River located at Gata No.- 826 MI/1 at Village- Behmaj, Tehsil - Sikandra, District- Kanpur Dehat, U.P., Sanctioned Lease Area-30 Ha, M/s Bundelkhand Industries, File No. 4432/ Proposal No. SIA/UP/MIN/28503/2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional TOR;s to the title proposal for conducting EIA studies. The SEIAA amended Annexed TOR point no. 7 which should be read as-

"The lab conducting the analysis should be NABL accredited or MoEF&CC approved". The SEIAA also added the following points to TOR:-

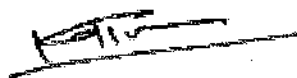
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- 3- MOU signed between the project proponent and the consultant should be submitted.

4. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.- 18/1, Village- Sahurapur, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha, M/s Shri Construction, File No. 4433/ Proposal No. SIA/UP/MIN/28510/2018

The SEIAA agreed with the recommendation of the SEAC to issue the additional TOR;s to the title proposal for conducting EIA studies. The SEIAA amended Annexed TOR point no. 7 which should be read as-

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- 3- MOU signed between the project proponent and the consultant should be submitted.



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4. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-18/1, Village- Sahurapur, Tehsil- Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha, M/s Shri Construction, File No. 4433/ Proposal No. SIA/UP/MIN/28510/2018

A presentation was made by the project proponent along with their consultant M/s DAS India Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-18/1, Village- Sahurapur, Tehsil- Hamirpur, District-Hamirpur, U.P., (Sanctioned Lease Area-36.437 Ha.), M/s Shri Construction.
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/28510/2018		
2. File No. allotted by SELAA, UP	4433		
3. Name of Proponent	M/s Shri Construction Authorized Signatory - Shri Atulendra Singh Sengar		
4. Full correspondence address of proponent and mobile no.	M/s Shri Construction Proprietor- Shri Atulendra Singh Sengar S/o Shri Trijendra Singh Sengar, R/o H.No. 129/10, Civil Line, Tehsil - Jhansi, District - Jhansi, Uttar Pradesh		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 18/1		
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9. Tehsil	Sadar		
10. District	Hamirpur		
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14. Zero level mRL	95 mRL		
15. Max. & Min mrl within lease area	102 mRL and 100 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
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	Non Workable Area		
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18. Total Mineable Reserves in LOI	5,82,912 m ³ /year	
19. Total Proposed Production	5,82,912 m ³ /year (29,14,560 m ³ in 05 years)	
20. Proposed Production/year	5,82,912 m ³	
21. Sanctioned Period of Mine lease	5 years	
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24. No. of working days	275 days	
25. Working hours/day	12 hour ;	
26. No. Of workers	Approximately 52 labours	
27. No. Of vehicles movement/day	141 units	
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	SH 42 (Hamirpur- Jhansi Marg) -3.5 km* (SE)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.52
	Suppression of dust	14.4
	Plantation	0.18
	Others (if any)	-
Total	15.10 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No: 813/Khami-M.M.C. Fees: A/width (2018-19) dated 12/09/2018	
35. Details of Lease Area in approved DSR	Page No 63; Table No.20	
36. Proposed CSR cost	5% of total project cost i.e. Rs.7,18,000/-	
37. Proposed EMP cost/ Total Project Cost	Rs 35,97,690/- & 1,43,59,000/-	
38. Length and Width of Haul Road	1200 m Length and 6 m width	
39. No. of Trees to be Planted	182	

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-04

The committee discussed the matter in light of MOEF&CC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes. The committee also stipulated following points:

1. Salient feature should be submitted with photo affidavit.
- * * 2. Workable, submerged and total area should be verified by DMO with geo coordinates and submitted along with EIA report.

Annexure-1

Terms of Reference for Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective propt sal.
2. Regional combined EMP study should be carried out.
3. Regional combined area of homogeneous leases in cluster situation should be verified by DMO.
4. ~~Certificate from Mining Officer that there is no other mining area exists within 500 m radius~~
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6. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
7. The lab conducting the analysis should be authenticated and registered.
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11. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left unworked from the river flowing nearby.
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17. Impact of change of land use should be given.
18. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
19. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
20. 02 km kachcha haul road to be made motorable. Submit Plan.

21. One season (Non Monsoon) primary baseline data on ambient air quality (PM2.5, PM10, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
22. There should be at least one monitoring station within 500 m of the mine lease in the predominant downwind direction. The mineralogical composition of PM10 particularly for free silica should be given.
23. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
24. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
25. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
26. Details of water conservation measures proposed to be adopted in the project should be given.
27. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
28. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
29. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
30. Details of rainwater harvesting proposed, if any, in the project should be provided.
31. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
32. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
33. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
34. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
35. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
36. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
37. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted.

- The details of plantation already done should be given.
38. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 39. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 40. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 41. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 42. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 43. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 44. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 45. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 46. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 47. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 48. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 49. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 50. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

10. Proposed River Sand/Morrum Mining at Khasra No.- 24/8, Village- Chikasi, Tehsil- Sarila District- Hamirpur, U.P. M/s MT International, Lease Area: 36.437 ha, File No. 4205/Proposal No. SIA/UP/MIN/23830/2018

The SEIAA noted that SEAC has recommended to grant the prior Environmental Clearance to the proposed project along with all the general and specific conditions. The SEIAA also gone through the file /documents and recommendation of SEAC and found that total mineable reserve in LOI is 728640 m³ whereas proposed production per year is 278640m³. In the joint meeting of SEIAA/SEAC it was decided that recommendation of production capacity should be as per the production capacity mentioned in LOI otherwise a committee of SEAC Members, R.O. UPPCB, and DMD should visit the site and report the reasons to reduce the production capacity over LOI. Hence, SEIAA opined that the matter should be referred back to SEAC to review the matter in light of joint meeting.


11. Proposed Riverbed Sand/Morrum Mining Project from Ken River of M/s Eureka Mines and Minerals LLP located at Gata No.-747 (Khand No.- 01), Village- Pathreta, Tehsil- Kalpi, District-Jalaun, Uttar Pradesh. Sanctioned Lease Area-40.02 Ha File No. 4512 / 4384/Proposal No. SIA/UP/MIN/29419/2018

The SEIAA agreed with the recommendations of the SEAC to defer the case for the next meeting. However, SEIAA opined that in future written request should be taken from project proponent for deferment of case.

12. Proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-19/1, Village- Sahurapur, Tehsil-Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha, M/s Shri Construction. File No. 4538/4433/Proposal No. SIA/UP/MIN/29548/2018

The SEIAA agreed with the recommendations of the SEAC to defer the case for the next meeting. However, SEIAA opined that in future written request should be taken from project proponent for deferment of case.


(Shri Ashish Tiwari, IFS)
Member-Secretary
SEIAA


(Dr. (Smt.) Madhu Bhardwaj)
Member
SEIAA


(Prof. Rana Pretap Singh)
Chairman
SEIAA
21/11/18

State Level Environment Impact Assessment Authority, Uttar Pradesh

Directorate of Environment, U.P.

Vineet Khand-1, Gomti Nagar, Lucknow - 226 010

Phone : 91-522-2300 541, Fax : 91-522-2300 543

E-mail : doeuplko@yahoo.com

Website : www.seiaaup.in

To,

Shri Atulendra Singh Sengar,
S/o Shri Trijendra Singh Sengar,
Owner,
Ward no- 64, Sun City Colony,
Behind no- 1 Sechool, Tehsil- Chhatarpur,
District- Chhatarpur, M.P.

Ref. No. 524/Parya/SEAC/4538-4433/2018

Date: 24 November, 2018

Sub: Environmental Clearance for proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-18/1, Village- Sahurapur, Tehsil-Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area- 36.437 Ha, M/s Shri Construction.

Dear Sir,

Please refer to your application/letter dated 02-08-2018, 13-08-2018, 13-10-2018 & 31-10-2018 addressed to the Secretary, SEAC, Directorate of Environment, U.P., Lucknow on the subject as above. The State Level Expert Appraisal Committee considered the matter in its meetings held on dated 16/11/2018.

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for proposed Riverbed Sand/Morrum Mining Project from Betwa River located at Khand No.-18/1, Village- Sahurapur, Tehsil-Hamirpur, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha, M/s Shri Construction.
2. The public hearing was organized on 04/10/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/28510/2018
2. File No. allotted by SEIAA, UP	443
3. Name of Proponent	M/s Shri Construction Authorized Signatory - Shri Atulendra Singh Sengar
4. Full correspondence address of proponent and mobile no.	M/s Shri Construction Proprietor- Shri Atulendra Singh Sengar S/o Shri Trijendra Singh Sengar, R/o H.No. 129/10, Civil Line, Tehsil - Jhansi, District - Jhansi, Uttar Pradesh
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. 18/1
7. Name of River	Betwa
8. Name of Village	Sahurapur
9. Tehsil	Sadar
10. District	Hamirpur
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	36.437 ha
13. Mineable Area (in ha)	26.937 ha
14. Zero level mRL	95 mRL
15. Max. & Min mrl within lease area	107 mRL and 100 mRL

[Signature]

16. Pillar Coordinates (Verified by DMO)	Sanctioned Area	
	Points	Latitude
	A	25°53'44.98"N
	B	25°54'4.13"N
	C	25°54'3.32"N
	D	25°53'43.70"N
	Workable Area	
	A	25°53'44.98"N
	H	25°53'53.18"N
	G	25°53'55.44"N
	D	25°53'43.70"N
	E	25°53'59.33"N
	B	25°54'4.13"N
	C	25°54'3.32"N
F	25°53'59.24"N	
Non Workable Area		
E	25°53'59.33"N	
F	25°53'59.24"N	
G	25°53'55.44"N	
H	25°53'53.18"N	
17. Total Geological Reserves	18,21,850 m ³	
18. Total Mineable Reserves in LOI	5,12,912 m ³ /year	
19. Total Proposed Production	5,82,912 m ³ /year (29,14,560 m ³ in 05 years)	
20. Proposed Production/year	5,82,912 m ³	
21. Sanctioned Period of Mine lease	5 years	
22. Production of mine/day	2120 m ³ /day	
23. Method of Mining	Opencast Semi-mechanized	
24. No. of working days	275 days	
25. Working hours/day	12 hours	
26. No. Of workers	Approximately 75 labourers	
27. No. Of vehicles movement/day	141 units	
28. Type of Land	Non - Agricultural, Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	SH 42 (Hamirpur- Jhansi Marg) -3.5 km ² (SE)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	1.89
	Suppression of dust	29.44
	Plantation	0.091
	Others (Stored Water)	0.10
	Total	31.52 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court.	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Cluster certificate issued by DMO Hamirpur Letter No.818/khajur-M-M-C- Tees- Vividh (2018-19) dated 12/09/2018	
35. Details of Lease Area in approved DSR	Page No 53; Table No.20	
36. Proposed CER cost	2% of total project cost i.e. Rs.41,44,000/-	
37. Proposed EMP cost/ Total Project Cost	Rs 58,08,486/- & 20,72,49,000/-	
38. Length and Width of Haul Road	Un paved Length 1.84 km and Paved Length 7.48 km and 6 m width.	

[Handwritten Signature]

39. No. of Trees to be Planted

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4. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Based on the recommendations of the State Level Expert Appraisal Committee (meeting held on 16/11/2018) on the above said project, the State Level Environment Impact Assessment Authority (meetings held on dated 24/11/2018) has decided to grant the Environmental Clearance to the title project for collection of 5,82,912 m³/year is proposed from mining lease area 36.437 ha subject to effective implementation of the following General Conditions and specific conditions:

General Conditions:-

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPCCB and SEIAA and this activity should be completed before the start of sand mining.



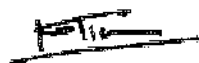
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions, the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParisad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA,II dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking



- required safeguard measures. In this regards, the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
 38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
 39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
 40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
 41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
 42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
 43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZilaParishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
 44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
 45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
 46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
 47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
 48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Specific Conditions:

1. Directions/suggestions given during public hearing and Commitment made by the project proponent should be strictly complied.
2. Pakkamotorable haul road to be maintained by the project proponent.
3. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
4. Permission from the competent authority regarding evacuation route should be taken.
5. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. Water quality report should be submitted alongwith compliant report.
7. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
8. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
9. Provision for cylinder to workers should be made for cooking. Provide suitable mask to the workers
10. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
11. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.



12. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer. The whole plantation has to be done in first year and should be maintained in subsequent years.
13. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
14. Provision for two toilets and hand pumps should be made at mining site.
15. Drinking water for workers would be provided by tankers.
16. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
17. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
18. Corporate Environmental Responsibility (CER) plan with minimum Rs. 41,44,000/- shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-JA, III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
19. Health/insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
20. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
21. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
22. Width of the haul road shall be more than 6 meter.
23. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
24. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
25. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
26. The Environmental clearance will be co-terminus with the mining lease period.
27. Project falling within in 10 KM area of Wild life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHA and should be submitted to SEIAA/SEAC, Secretariat as earliest.
30. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
31. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.



32. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
33. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/morrum from the river bank only.
34. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
35. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
36. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
37. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
38. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
39. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
40. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
41. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
42. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
43. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
44. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
45. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
46. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchayat.
47. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
48. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
49. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
50. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
51. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in>



and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.

52. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
53. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
54. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
55. Waste water from potable use be collected and reused for sprinkling.
56. During the school opening and closing time vehicle movement will be restricted.
57. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

You shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

The above stipulated conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along-with their amendments and rules made there under and also any other orders passed by the Hon'ble Courts of Law relating to the subject matter.

The project proponent will have to submit approved plans and proposals incorporating the conditions specified in the Environmental Clearance within 03 months of issuance of this clearance. The SEIAA/MoEF reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA/MoEF. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

This is to request you to take further necessary action in matter as per provisions of Gazette Notification No. S.O. 1533(E) dated 14/09/2006, as amended and send regular compliance reports to the authority as prescribed in the aforesaid notification.


(Ashish Tiwari)
Member Secretary, SEIAA

Ref. No. /Parya/SEAC/4538-4433/2018 Dated: As above

Copy for information and necessary action to:

1. The Principal Secretary, Environment, U.P. Govt., Lucknow.
2. Advisor, IA Division, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi.
3. Additional Director, Regional Office, Ministry of Environment & Forests, (Central Region), Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow.
4. The Member Secretary, U.P. Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow.
5. District Magistrate, Hamirpur, U.P.
6. Director, Department of Geology & Mining, U.P. Lucknow.
7. Copy for Web Master/Guard file.


(Ashish Tiwari)
Member Secretary, SEIAA