

### **Minutes of 445<sup>th</sup> SEAC Meeting Dated 09/01/2020**

The 445<sup>th</sup> meeting of SEAC was held in Directorate of Environment, U.P. on 09/01/2020 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. Ranjeet Kumar Dalela, | Member   |
| 6. | Prof. S.K. Upadhyay,      | Member   |
| 7. | Dr. Ajoy Kumar Mandal,    | Member   |
| 8. | Shri Meraj Uddin,         | Member   |
| 9. | Shri Rajive Kumar,        | Member   |

The Chairman welcomed the members to the 445<sup>th</sup> SEAC meeting.

The SEAC unanimously took following decisions on the agenda points discussed:

1. **Leather Industry at Plot No.-1154, 1402, LIDA, Banthar, District-Unnao, U.P. File No. 5292/Proposal No. SIA/UP/IND/47201/2019**

#### **RESOLUTION AGAINST AGENDA NO-01**

The project proponent did not appear. The committee discussed and deliberated that the 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.

2. **Cement grinding unit at Plot No.- B-34, UPSIDC, Satharia, District-Jaunpur. M/s DLVK Cement Private Ltd. File No. 5299/Proposal No. SIA/UP/IND/47183/2019**

A presentation was made by the project proponent. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Cement grinding unit at Plot No. B-34, UPSIDC, Satharia, District-Jaunpur, U.P., M/s DLVK Cement Private Ltd.
2. Proposed project details:

• Proposed item to be manufactured	:	Portland Pozzolona Cement.
• Proposed manufacturing capacity	:	300 TPD or 90000 TPA.
• Proposed manufacturing technology	:	Mixing, Grinding & Packing.
• Proposed Investment	:	Rs. 246.50 lacs.
• Employment Potential	:	2 No.
• Land Area	:	1.50 Acres.
• Energy requirement	:	500 KVA from PBBCL, UP Standby D G sets – 50 KVA.
• Water Requirement	:	4 M <sup>3</sup> per day – make up water.

3. Land use details:

SL No	Usage at final stage	Area acres
1	Manufacturing Plant Shed	0.26
2	Administrative offices, security etc.	0.16
3	Entrance, Roads and Paved Area.	0.07
4	Green Belt	0.53
5	Vacant Space	0.48
	Total	1.50 Acres

4. Raw material details:

SL No	Raw Materials				Finished Goods	
	Raw material	Quantity (T/Ton of Product)	Proposed (Ton / Day)	Source of Raw Material	Finished Goods	Proposed Output Quantity
1	Clinker	0.55	165	OCL Rajganjpur/ Dala Cement factory	Cement	300
2	Gypsum	0.05	15	Paradip / Rajasthan	Waste (Process re-use)	-
3	Fly Ash	0.40	120	Uttar Pradesh		--
	Total	1.00	300		Total	300

5. Water requirement details:

- Source - Bore well
  - Domestic use - 1.5 m<sup>3</sup> / day
  - Water sprinkling - 2.0 m<sup>3</sup> / day
  - Process water - 0.5 m<sup>3</sup> / day
  - Total makeup water - 4.0 m<sup>3</sup> / day
  - Green belt - 2.0 m<sup>3</sup> / day
- (1.0 m<sup>3</sup> from domestic will be used for green belt after primary treatment)
- Rainwater harvesting will be implemented as per UPSPCB guide line & used for industrial purpose and green belt development

6. Solid waste generation details:

Solid Waste	Proposed	Utilization
APC Dust & Process Loss	6 TPD	Recycled to process

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 and recommended to issue terms of reference (TOR) for the preparation of Environment Impact Assessment Report (EIA) regarding the project:**

- 1) Executive Summary.
- 2) Introduction:
  - i. Details of the EIA Consultant including NABET accreditation
  - ii. Information about the project proponent
  - iii. Importance and benefits of the project
- 3) Project Description
  - i. Cost of project and time of completion.
  - ii. Products with capacities for the proposed project.
  - iii. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.
  - iv. List of raw materials required and their source along with mode of transportation.
  - v. Other chemicals and materials required with quantities and storage capacities
  - vi. Details of Emission, effluents, hazardous waste generation and their management.
  - vii. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-

- power requirement (regular and contract)
- viii. Process description along with major equipments and machineries, process flow sheet (quantative) from raw material to products to be provided
- ix. Hazard identification and details of proposed safety systems.
- x. Expansion/modernization proposals:
  - a. Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MOEF/SEIAA shall be attached as an Annexure. A certified copy of the latest Monitoring Report of the Regional Office of the Ministry of Environment and Forests as per circular dated 30th May, 2012 on the status of compliance of conditions stipulated in all the existing environmental clearances including Amendments shall be provided. In addition, status of compliance of Consent to Operate for the ongoing existing operation of the project from SPCB shall be attached with the EIA-EMP report.
  - b. In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 06 shall be provided. Copies of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.

4) Site Details

- i. Location of the project site covering village, Taluka/Tehsil, District and State, Justification for selecting the site, whether other sites were considered.
- ii. A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places)
- iii. Details w.r.t. option analysis for selection of site
- iv. Co-ordinates (lat-long) of all four corners of the site.
- v. Google map-Earth downloaded of the project site.
- vi. Layout maps indicating existing unit as well as proposed unit indicating storage area, plant area, greenbelt area, utilities etc. If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
- vii. Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation/greenbelt, in particular.
- viii. Landuse break-up of total land of the project site (identified and acquired), government/private - agricultural, forest, wasteland, water bodies, settlements, etc shall be included. (not required for industrial area)
- ix. A list of major industries with name and type within study area (10km radius) shall be incorporated. Land use details of the study area
- x. Geological features and Geo-hydrological status of the study area shall be included.
- xi. Details of Drainage of the project upto 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)
- xii. Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
- xiii. R&R details in respect of land in line with state Government policy

- 5) Forest and wildlife related issues (if applicable):
  - i. Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable)
  - ii. Landuse map based on High resolution satellite imagery (GPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha).
  - iii. Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.
  - iv. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon.
  - v. Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule I fauna, if any exists in the study area
  - vi. Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife
- 6) Environmental Status:
  - i. Determination of atmospheric inversion level at the project site and site-specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.
  - ii. AAQ data (except monsoon) at 8 locations for PM10, PM2.5, SO2, NOX, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre-dominant wind direction, population zone and sensitive receptors including reserved forests.
  - iii. Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQQM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.
  - iv. Surface water quality of nearby River (100m upstream and downstream of discharge point) and other surface drains at eight locations as per CPCB/MoEF&CC guidelines.
  - v. Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF&CC, if yes give details.
  - vi. Ground water monitoring at minimum at 8 locations shall be included.
  - vii. Noise levels monitoring at 8 locations within the study area.
  - viii. Soil Characteristic as per CPCB guidelines.
  - ix. Traffic study of the area, type of vehicles, frequency of vehicles for transportation of materials, additional traffic due to proposed project, parking arrangement etc.
  - x. Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule- I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.
  - xi. Socio-economic status of the study area.
- 7) Impact and Environment Management Plan
  - i. Assessment of ground level concentration of pollutants from the stack emission based on site-specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modelling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions

(including transportation) on the AAQ of the area shall be assessed. Details of the model used and the input data used for modelling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.

- ii. Water Quality modelling - in case of discharge in water body
  - iii. Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor- cum-rail transport shall be examined.
  - iv. A note on treatment of wastewater from different plant operations, extent recycled and reused for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under E(P) Rules.
  - v. Details of stack emission and action plan for control of emissions to meet standards.
  - vi. Measures for fugitive emission control
  - vii. Details of hazardous waste generation and their storage, utilization and management. Copies of MOU regarding utilization of solid and hazardous waste in cement plant shall also be included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
  - viii. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
  - ix. Action plan for the green belt development plan in 33 % area i.e. land with not less than 1,500 trees per ha. Giving details of species, width of plantation, planning schedule etc. shall be included. The green belt shall be around the project boundary and a scheme for greening of the roads used for the project shall also be incorporated.
  - x. Action plan for rainwater harvesting measures at plant site shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the ground water and also to use for the various activities at the project site to conserve fresh water and reduce the water requirement from other sources.
  - xi. Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
  - xii. Action plan for post-project environmental monitoring shall be submitted.
  - xiii. Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with District Disaster Management Plan.
- 8) Occupational health:
- i. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers
  - ii. Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above mentioned parameters as per age, sex, duration of exposure and department wise.
  - iii. Details of existing Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be preserved,

- iv. Annual report of health status of workers with special reference to Occupational Health and Safety.
- 9) Corporate Environment Policy:
  - i. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
  - ii. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions? If so, it may be detailed in the EIA.
  - iii. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
  - iv. Does the company have system of reporting of non compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism shall be detailed in the EIA report
- 10) Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.
- 11) Corporate Environmental Responsibility (CER):
  - i. Adequate funds (at least 2.5 % of the project cost) shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be included. Socio-economic development activities need to be elaborated upon.
  - ii. Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.
  - iii. A tabular chart with index for point wise compliance of above TOR.
- 12) Limestone and coal linkage documents along with the status of environmental clearance of limestone and coal mines
- 13) Quantum of production of coal and limestone from coal & limestone mines and the projects they cater to;
- 14) For large Cement Units, a 3-D view i.e. DEM (Digital Elevation Model) for the area in 10 km radius from the proposal site.
- 15) Present land use shall be prepared based on satellite imagery. High-resolution satellite image data having 1m-5m spatial resolution like quick bird, Ikonos, IRS P-6 pan sharpened etc. for the 10 Km radius area from proposed site. The same shall be used for land used/land-cover mapping of the area.
- 16) If the raw materials used have trace elements, an environment management plan shall also be included.
- 17) Plan for the implementation of the recommendations made for the cement plants in the CREP guidelines must be prepared.
- 18) Energy consumption per ton of clinker and cement grinding
- 19) Provision of waste heat recovery boiler
- 20) Arrangement for use of hazardous waste

**3. Sand/Morrum Mining from Ken River Bed at Khand No.-30/3, Village-Bhulsi, Maudaha, Hamirpur, M/s Gyan Infrabuild Pvt. Ltd., Lease Area:36.437 ha. File No. 5227/Proposal No. SIA/UP/MIN/46080/2019**

**RESOLUTION AGAINST AGENDA NO-03**

The case may be listed in the next SEAC meeting dated 16/01/2019.

4. Sand/Morrum Mining from Betwa River Bed at Khand No.-23/13, Village- Bhedi Kharka, Sarila, Hamirpur., M/s Kanha Construction Company, LeaseArea:12.145 ha. File No. 5228/Proposal No. SIA/UP/MIN/46087/2019

**RESOLUTION AGAINST AGENDA NO-04**

The case may be listed in the next SEAC meeting dated 16/01/2019.

5. Sand/Morrum Mining at Betwa River Bed at Khand No.-26/3, Village - Chandwari Ghurouli, Tehsil-Sarila, Hamirpur., M/s New Eoan Associates., Area-24.291 Ha. File No. 5229/Proposal No. SIA/UP/MIN/46077/2019

**RESOLUTION AGAINST AGENDA NO-05**

The case may be listed in the next SEAC meeting dated 16/01/2019.

6. Sand/Morrum Mining from Betwa River Bed at Khand No.-17/5, Village-Sahjana, Hamirpur, U.P., M/s Kaushalay Chaubey Contractor, Lease Area:12.145 ha. File No. 5230/Proposal No. SIA/UP/MIN/46099/2019

**RESOLUTION AGAINST AGENDA NO-06**

The case may be listed in the next SEAC meeting dated 16/01/2019.

7. Sand/Morrum Mining from Betwa River Bed at Khand No.-9/3, Village-Kandaur, Hamirpur.,M/S Rama Traders, Area-30.769 ha. File No. 5231/Proposal No. SIA/UP/MIN/46098/2019

**RESOLUTION AGAINST AGENDA NO-07**

The case may be listed in the next SEAC meeting dated 16/01/2019.

8. Sand/Morrum Mining from Ken Riverbed at Gata No.04(Block-17), Village-Sadi Khadar, Pailani, Banda, Area-13 Ha. File No. 5232/Proposal No. SIA/UP/MIN/46081/2019

**RESOLUTION AGAINST AGENDA NO-08**

The case may be listed in the next SEAC meeting dated 16/01/2019.

9. Sand/Morrum Mining at Yamuna River Bed at Khand No.-31/5 Village-Patyaaura, Hamirpur, U.P., M/s Vikas Enterprise. File No. 5233/Proposal No.SIA/UP/MIN/46075/2019

**RESOLUTION AGAINST AGENDA NO-09**

The case may be listed in the next SEAC meeting dated 16/01/2019.

10. Sand/Morrum Mining from Betwa Riverbed at Khand No.-24/9, Village- Chikasi, Sarila, Hamirpur., Area-36.437Ha, M/s Satyam Construction. File No. 5234/Proposal No. SIA/UP/MIN/46069/2018

**RESOLUTION AGAINST AGENDA NO-10**

The case may be listed in the next SEAC meeting dated 16/01/2019.

**11. Sand Mining at Gata No.-228, Village- Bidauli, Tehsil-Unn, District- Shamli., M/s Shakumbhari Mines, Leased Area-20.469 Ha. File No. 5235/Proposal No. SIA/UP/MIN/45916/2018**

**RESOLUTION AGAINST AGENDA NO-11**

The case may be listed in the next SEAC meeting dated 16/01/2019.

**12. Capacity Expansion Building Stone at Gata No.-339, Khand No.-13, at Village-Daharra, Mohaba., (Leased Area-1.214 Ha). File No. 5237/Proposal No. SIA/UP/MIN/47162/2019**

**RESOLUTION AGAINST AGENDA NO-12**

The project proponent did not appear. The committee discussed and deliberated that the 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.

**13. Capacity Expansion Building Stone at Gata No.-1370, Khand No.-01, Village-Kulpahad, Tehsil-Kulpahad, District-Mahoba, (Leased Area -0.809 ha.). File No. 5238/Proposal No. SIA/UP/MIN/47167/2019**

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 Capacity Expansion Building Stone at Gata No.-1370, Khand No.-01, Village-Kulpahad, Tehsil-Kulpahad, District-Mahoba, (Leased Area -0.809 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/47167/2019		
2. File No .allotted by SEIAA,UP	5238		
3. Name of Proponent	SHRI PRANJAL AGARWAL S/O SHRI PRADEEP AGARWAL		
4. Full correspondence address of proponent and mobile no.	R/o- Civil Line, D.M. Colony, Distt.- Banda, U.P.		
5. Name of Project	Building Stone (Khanda, Gitti & Boulder) Mining Project		
6. Project location (Plot/ Khasra /Gata No.)	Gata No.-1370, Khand No.- 01		
7. Name of Village	Kulpahad		
8. Tehsil	Kulpahad		
9.District	Mahoba		
10. Name of Minor Mineral	Building Stone (Khanda, Gitti & Boulder)		
11. Sanctioned Lease Area (in Ha.)	0.809 ha.		
12. Mineable Area (in Ha.)	0.809 ha.		
13.Zero level mRL	Not Applicable		
14.Max.& Min mrl within lease area	218.0 mRL- 200.0 mRL		
15.Pillar Coordinates(Verified by DMO)	Pillar	Latitude	Longitude
	A	25° 19' 41.20"	79° 39' 41.23"
	B	25° 19' 37.67"	79° 39' 43.89"
	C	25° 19' 41.21"	79° 39' 45.14"
	D	25° 19' 42.47"	79° 39' 41.64"
16.Total Geological Reserves	5,95,812 m <sup>3</sup>		



17.Total Mineable Reserves	1,38,180 m <sup>3</sup>														
18.Total Proposed Production (in five year)	1,37,500 m <sup>3</sup>														
19.Proposed Production for 5 years	<table border="1"> <thead> <tr> <th>Year</th><th>Production</th></tr> </thead> <tbody> <tr> <td>1<sup>st</sup></td><td>27500 m<sup>3</sup></td></tr> <tr> <td>2<sup>nd</sup></td><td>27500 m<sup>3</sup></td></tr> <tr> <td>3<sup>rd</sup></td><td>27500 m<sup>3</sup></td></tr> <tr> <td>4<sup>th</sup></td><td>27500 m<sup>3</sup></td></tr> <tr> <td>5<sup>th</sup></td><td>27500 m<sup>3</sup></td></tr> <tr> <td>Total</td><td>1,37,500 m<sup>3</sup></td></tr> </tbody> </table>	Year	Production	1 <sup>st</sup>	27500 m <sup>3</sup>	2 <sup>nd</sup>	27500 m <sup>3</sup>	3 <sup>rd</sup>	27500 m <sup>3</sup>	4 <sup>th</sup>	27500 m <sup>3</sup>	5 <sup>th</sup>	27500 m <sup>3</sup>	Total	1,37,500 m <sup>3</sup>
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4 <sup>th</sup>	27500 m <sup>3</sup>														
5 <sup>th</sup>	27500 m <sup>3</sup>														
Total	1,37,500 m <sup>3</sup>														
20.Sanctioned Period of Mine lease	10 Years														
21.Production of mine/day	91.6 m <sup>3</sup>														
22.Method of Mining	Opencast Semi-Mechanized														
23.No.of working days	300 days														
24.Working hours/day	8 Hours/Day														
25.No.Of workers	38														
26.No.Of vehicle movement /day	9 (Average)														
27.Type of Land	Govt. land Non- Agricultural														
28.Ultimate Depth of Mining	9 Meter														
29.Nearest metallad road from site	0.30 km														
30. Water Requirement	<table border="1"> <thead> <tr> <th>PURPOSE</th><th>REQUIREMENT (KLD)</th></tr> </thead> <tbody> <tr> <td>Drinking</td><td>0.40</td></tr> <tr> <td>Suppression of dust</td><td>1.80</td></tr> <tr> <td>Plantation</td><td>0.40</td></tr> <tr> <td>Others( if any)</td><td>-----</td></tr> <tr> <td>Total</td><td>2.60</td></tr> </tbody> </table>	PURPOSE	REQUIREMENT (KLD)	Drinking	0.40	Suppression of dust	1.80	Plantation	0.40	Others( if any)	-----	Total	2.60		
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Drinking	0.40														
Suppression of dust	1.80														
Plantation	0.40														
Others( if any)	-----														
Total	2.60														
31. Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/1821/RA0120 Validity- May 01, 2021														
32. Any litigation pending against the project or land in any court	No														
33. Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Mahoba vide Letter No. 2678/MMC-30/ 2019-20, Dated 06 January 2020														
34. Details of Lease Area in approved DSR	Page No.- 86, S.No.- 81														
35. Proposed CER cost	1.30 Lakh														
36. Proposed EMP cost	8.89 Lakh														
37. Length and breadth of Haul Road.	Length- 0.30 Km, Width- more than 6.0 m														
38. No. of Trees to be Planted	100														

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 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.**

**14. Capacity Expansion Building Stone Mine at Gata No.-2101/2, Khand No.-06, Village-Sijahri, District-Mahoba, U.P., (Leased Area -1.214 ha.). File No. 5239/Proposal No. SIA/UP/MIN/47170/2019**

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 Capacity Expansion Building Stone Mine at Gata No.-2101/2, Khand No.-06, Village-Sijahri, District-Mahoba, U.P., (Leased Area -1.214 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/47170/2019		
2. File No .allotted by SEIAA,UP	5239		
3. Name of Proponent	SHRI VIPUL KUMAR AGRAWAL S/O SHRI ANIL KUMAR AGRAWAL		
4. Full correspondence address of proponent and mobile no.	R/o- Choti Bazar, Banda, Distt.- Banda, U.P.		
5. Name of Project	Building Stone (Khanda, Gitti & Boulder) Mining Project		
6. Project location (Plot/ Khasra /Gata No.)	Gata No.-2101/2, Khand No.- 06		
7. Name of Village	Sijahri		
8. Tehsil	Mahoba		
9.District	Mahoba		
10. Name of Minor Mineral	Building Stone (Khanda, Gitti & Boulder)		
11. Sanctioned Lease Area (in Ha.)	1.214 ha.		
12. Mineable Area (in Ha.)	1.214 ha.		
13.Zero level mRL	Not Applicable		
14.Max.& Min mrl within lease area	246.0 mRL- 237.0 mRL		
15.Pillar Coordinates(Verified by DMO)	Pillar	Latitude	Longitude
	A	25° 14' 04.55"	79° 49' 02.96"
	B	25° 14' 02.81"	79° 49' 06.09"
	C	25° 13' 58.42"	79° 49' 02.91"
	D	25° 13' 59.58"	79° 49' 01.52"
16.Total Geological Reserves	9,38,866 m <sup>3</sup>		
17.Total Mineable Reserves	2,42,304 m <sup>3</sup>		
18.Total Proposed Production (in five year)	2,40,000 m <sup>3</sup>		
19.Proposed Production for 5 years	Year	Production	
	1 <sup>st</sup>	48,000 m <sup>3</sup>	
	2 <sup>nd</sup>	48,000 m <sup>3</sup>	
	3 <sup>rd</sup>	48,000 m <sup>3</sup>	
	4 <sup>th</sup>	48,000 m <sup>3</sup>	
	5 <sup>th</sup>	48,000 m <sup>3</sup>	
	Total	2,40,000 m <sup>3</sup>	
20.Sanctioned Period of Mine lease	10 Years		
21.Production of mine/day	160 m <sup>3</sup>		
22.Method of Mining	Opencast Semi-Mechanized		
23.No.of working days	300 days		
24.Working hours/day	8 Hours/Day		
25.No.Of workers	38		
26.No.Of vehicle movement /day	16 (Average)		
27.Type of Land	Govt. land Non- Agricultural		
28.Ultimate Depth of Mining	21 Meter		
29.Nearest metalled road from site	0.25 km		
30. Water Requirement	PURPOSE	REQUIREMENT (KLD)	

	Drinking	0.40
	Suppression of dust	1.50
	Plantation	0.60
	Others( if any)	-----
	Total	2.50
31. Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/1821/RA0120 Validity- May 01, 2021	
32. Any litigation pending against the project or land in any court	No	
33. Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Mahoba vide Letter No. 2680/MMC-30/ 2019-20, Dated 06 January 2020	
34. Details of Lease Area in approved DSR	Page No.- 84, S.No.- 25	
35. Proposed CER cost	1.40 Lakh	
36. Proposed EMP cost	9.44 Lakh	
37. Length and breadth of Haul Road.	Length- 0.25 Km, Width- more than 6.0 m	
38. No. of Trees to be Planted	150	

- 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-14**

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.

#### **15. Capacity Expansion Building Stone Mine at Gata No.-2101/2, Khand No.-02, Village-Sijahri, District-Mahoba, U.P., (Leased Area -1.214 ha.). File No. 5240/Proposal No. SIA/UP/MIN/47173/2019**

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:-

- The environmental clearance is sought for Capacity Expansion Building Stone Mine at Gata No.-2101/2, Khand No.-02, Village-Sijahri, District-Mahoba, U.P., (Leased Area -1.214 ha.).
- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/47173/2019
2. File No .allotted by SEIAA,UP	5240
3. Name of Proponent	SHRI MOHD. NOMAN S/O SHRI MOHD. WASEEM
4. Full correspondence address of proponent and mobile no.	R/o- Husainganj, Maudaha, Distt.- Hamirpur, U.P.
5. Name of Project	Building Stone (Khanda, Gitti & Boulder) Mining Project
6. Project location (Plot/ Khasra /Gata No.)	Gata No.-2101/2, Khand No.- 02
7. Name of Village	Sijahri
8. Tehsil	Mahoba
9.District	Mahoba
10. Name of Minor Mineral	Building Stone (Khanda, Gitti & Boulder)

11. Sanctioned Lease Area (in Ha.)	1.214 ha.		
12. Mineable Area (in Ha.)	1.214 ha.		
13.Zero level mRL	Not Applicable		
14.Max.& Min mrl within lease area	250.0 mRL- 234.0 mRL		
15.Pillar Coordinates(Verified by DMO)	Pillar	Latitude	Longitude
	A	25° 14' 06.26"	79° 49' 09.36"
	B	25° 14' 05.22"	79° 49' 09.78"
	C	25° 14' 04.81"	79° 49' 12.53"
	D	25° 14' 00.92"	79° 49' 08.71"
	E	25° 14' 02.76"	79° 49' 05.93"
16.Total Geological Reserves	8,68,020 m <sup>3</sup>		
17.Total Mineable Reserves	2,50,663 m <sup>3</sup>		
18.Total Proposed Production (in five year)	2,50,000 m <sup>3</sup>		
19.Proposd Production for 5 years	Year	Production	
	1 <sup>st</sup>	50,000 m <sup>3</sup>	
	2 <sup>nd</sup>	50,000 m <sup>3</sup>	
	3 <sup>rd</sup>	50,000 m <sup>3</sup>	
	4 <sup>th</sup>	50,000 m <sup>3</sup>	
	5 <sup>th</sup>	50,000 m <sup>3</sup>	
	Total	2,50,000 m <sup>3</sup>	
20.Sanctioned Period of Mine lease	10 Years		
21.Production of mine/day	166.6 m <sup>3</sup>		
22.Method of Mining	Opencast Semi-Mechanized		
23.No.of working days	300 days		
24.Working hours/day	8 Hours/Day		
25.No.Of workers	38		
26.No.Of vehicle movement /day	16 (Average)		
27.Type of Land	Govt. land Non- Agricultural		
28.Ultimate Depth of Mining	20 Meter		
29.Nearest metalled road from site	0.20 km		
30. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.40	
	Suppression of dust	1.20	
	Plantation	0.55	
	Others( if any)	-----	
	Total	2.15	
31. Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development)., Lucknow, U.P. QCI/NABET/EIA/1821/RA0120 Validity- May 01, 2021		
32. Any litigation pending against the project or land in any court	No		
33. Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Mahoba vide Letter No. 2679/MMC-30/ 2019-20, Dated 06 January 2020		
34. Details of Lease Area in approved DSR	Page No.- 84, S.No.- 23		
35. Proposed CER cost	1.40 Lakh		
36. Proposed EMP cost	9.28 Lakh		
37. Length and breadth of Haul Road.	Length- 0.20 Km, Width- more than 6.0 m		
38. No. of Trees to be Planted	135		

- 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.

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 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.

16. **Sand Mining from Betwa River Bed at Gata No.-396Ga and Khand No.-03, Village- Bhedi Khurd, Tehsil- Kalpi, Jalaun., M/s Bindu and Ram Construction Company, Sanctioned Lease Area: 20.242 Ha , Effective Area: 20.242 Ha. File No. 5248/Proposal No. SIA/UP/MIN/45134/2019**

**RESOLUTION AGAINST AGENDA NO-16**

The case may be listed in the next SEAC meeting proposed on 16/01/2019.

17. **Building Stone (Sand Stone) Mine, at Gta No./Araji No.-997mi, Village- Sindhora, Sadar, Mirzapur., (Area: 0.80 Ha). File No. 5259/Proposal No. SIA/UP/MIN/42073/2019**

**RESOLUTION AGAINST AGENDA NO-17**

The project proponent did not appear. The committee discussed and deliberated that the 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.

18. **Sand/Morrum Mining from Yamuna River Bed at Khand No.-15/45 to 15/46, Village- Mahewa, Manjhanpur, Kaushambi., M/s Bharat Earth Movers, Sanctioned Area:24.28ha, Effective Area-18.88 ha. File No. 5260/Proposal No. SIA/UP/MIN/46101/2019**

**RESOLUTION AGAINST AGENDA NO-18**

The case may be listed in the next SEAC meeting dated 16/01/2019.

19. **Riverbed Sand/Morrum Mining at Khand No.-14/5 & 14/6 at Village - Dedhawal, Manjhanpur, Kaushmbhi., M/s Sai Construction and Suppliers., Area-24.28 Ha. File No. 5261/Proposal No. SIA/UP/MIN/46179/2019**

**RESOLUTION AGAINST AGENDA NO-19**

The case may be listed in the next SEAC meeting dated 16/01/2019.

**20. Morrum Mining at Yamuna River Bed at Khand No.-9/25 to 9/26, Vill.-Mohammadabad Kewat Ka Purwa, Kaushambi., Area-16.0 Ha. File No. 5262/Proposal No. SIA/UP/MIN/47317/2019**

A presentation was made by the 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 Morrum Mining at Yamuna River Bed at Khand No.-9/25 to 9/26, Vill.-Mohammadabad Kewat Ka Purwa, Kaushambi, U.P. (Leased Area-16.0 Ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On Line Proposal No.	SIA/UP/MIN/47317/2019																		
2.	File No. Allotted By SEIAA, UP	5262																		
3.	Name of Proponent	Smt Suketa Nishad																		
4.	Full Correspondence Address Of Proponent And Mobile Number	Smt Suketa Nishad, W/O Shri Vinay Kumar Nishad, R/O 601/1A/272B, Meerapur, Thana – Atarsuiya, Tehsil – Sadar, District – Prayagraj (Erstwhile Allahabad) U.P. 212202																		
5.	Name Of Project	Moram mining project at Yamuna River Bed at Khand No.- 9/25 to 9/26 over an area of 16.0 Ha situated in VillageMohammadabad Kewat Ka Purwa, Tehsil Chail, District Kaushambi, U.P.																		
6.	Project Location (Plot/Khasra/Gata No.)	Khand No.- 9/25 to 9/26, VillageMohammadabad Kewat Ka Purwa, Tehsil Chail, District Kaushambi, U.P.																		
7.	Name Of River	Yamuna River																		
8.	Name Of Village	Mohammadabad Kewat Ka Purwa																		
9.	Tehsil	Chail																		
10.	District	Kaushambi																		
11.	Name Of Minor Mineral	Moram mining																		
12.	Sanctioned Lease Area In Ha	16.0 Ha																		
13.	Mineable Area In Ha	15.92 Ha																		
14.	Safety Zone (in Ha)	0.08 Ha																		
15.	Zero Level Mrl	175 mRL																		
16.	Max. &Min MRL Within Lease Area	Highest : 180.10 mRL, North Lowest : 176.60 mRL, South																		
17.	Pillar Coordinates (Verified By DMO)	<table><tr><td>Pillar</td><td>Lat.</td><td>Long.</td></tr><tr><td>A</td><td>25°17.241’ N</td><td>81°31.950’ E</td></tr><tr><td>B</td><td>25°17.384’ N</td><td>81°32.180’ E</td></tr><tr><td>C</td><td>25°17.228’ N</td><td>81°32.304’ E</td></tr><tr><td>D</td><td>25°17.068’ N</td><td>81°32.083’ E</td></tr></table>				Pillar	Lat.	Long.	A	25°17.241’ N	81°31.950’ E	B	25°17.384’ N	81°32.180’ E	C	25°17.228’ N	81°32.304’ E	D	25°17.068’ N	81°32.083’ E
Pillar	Lat.	Long.																		
A	25°17.241’ N	81°31.950’ E																		
B	25°17.384’ N	81°32.180’ E																		
C	25°17.228’ N	81°32.304’ E																		
D	25°17.068’ N	81°32.083’ E																		
18.	Total Geological Reserve	4,77,920 m <sup>3</sup>																		
19.	Total Mineable Reserve per year	2,40,000 m <sup>3</sup>																		
20.	Total Proposed Production(in 05 years)	12,00,000 m <sup>3</sup>																		
21.	Proposed Production/year in LoI	2,40,000 m <sup>3</sup> / year																		
22.	Sanctioned Period Of Mine Lease	5 years																		
23.	Production Of Mine/Day	960 m3/day (1728 TPD)																		
24.	Method Of Mining	Opencast Semi-Mechanized Method																		
25.	No. Of Working Days	250 days																		
26.	Working Hours/Day	8 hours per day																		
27.	No. Of Workers	65 manpower																		
28.	No. Of Vehicles Movement/Day	173 Units (assumed loading capacity 10 tones/unit)																		
29.	Type Of Land	State Government Land																		
30.	Ultimate Depth Of Mining	1.5 m																		
31.	Nearest Metalled Road From Site	Purkhans-Nand ka Pura Rd 1.2 km, NE																		
32.	Water Requirement	S.No.	Purpose	Details	Avrg															

				Demand/day
	1	Drinking @ 15 LPCD	15 X 65 = 975	0.97 KLD
	2	Land Reclamation/Plantation @ 5 ltrs/day/tree	80 x 5 = 400 ltrs/day	0.40 KLD
	3	Dust Suppression, 2ltrs/m <sup>2</sup>	Haul Road Area (2100 m length x 6 m width = 12600 m <sup>2</sup> ) x 2 = 25200 ltrs/day	25.2 KLD
	Total			26.57 KLD, Say 27 KLD
33.	Name Of The QCI Accredited Consultant With QCI No. And Period Of Validity	Geogreen Enviro House Pvt Ltd, 403 Aiman Apartment, 29 Chandralok Colony, Aliganj, Lucknow 226024. QCI Certificate No. NABET/EIA/1720/IA0023, Issue Date May 31, 2017; Expiry Date April 02, 2020.		
34.	Any Litigation Pending Against The Project Or Land In Any Court.	NO		
35.	Details Of 500m Cluster Map & Certificate Verified By Mining Officer	Letter No 1488/Khanan Sahayak dated 11.12.2018		
36.	Details Of Lease Area In Approved DSR	S.NO. 7 Page No 06		
37.	Proposed Project Cost	Rs. 112.59 Lakhs		
38.	Proposed CER Cost	Rs. 2.25 Lakhs		
39.	Proposed EMP Cost	Rs. 25.59 Lakhs (Haulage Road Repair, Dust Suppression)		
40.	Length And Breadth Of Haul Road	Haul Road Length 2.10 KM x Width 6.0 m		
41.	No. of trees to be planted	80 Trees/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-20**

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.

**21. Sand/Morrum Mining at Ken Riverbed at Khand No.-29/1 Village- Bakchha Khadar, Tehsil-Maudaha, Hamirpur., Area-12.145 Ha. File No. 5285/Proposal No. SIA/UP/MIN/46397/2019**

**RESOLUTION AGAINST AGENDA NO-21**

The project proponent did not appear. The committee discussed and deliberated that the 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.

**22. Ordinary Sand from the Bed of River Yamuna at Khasra No.- 625, 626, 639, 650, 651, 652, 653, 654, 655, 656, 657, 658, 924, 925, 926, 927, Near Village- Utasini Khadar, Tehsil- Khair, District- Aligarh, U.P., (Leased Area - 6.648 Ha.). File No. 5286/Proposal No. SIA/UP/MIN/43251/2019**

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

1. The environmental clearance is sought for Ordinary Sand from the Bed of River Yamuna at Khasra No.- 625, 626, 639, 650, 651, 652, 653, 654, 655, 656, 657, 658, 924, 925, 926, 927, Near Village- Utasini Khadar, Tehsil- Khair, District- Aligarh, U.P., (Leased Area - 6.648 Ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/43251/2019		
2. File No .allotted by SEIAA,UP	5286		
3. Name of Proponent	Shri Sanjeev Kumar Paltani		
4. Full correspondence address of proponent and mobile no.	S/o Yogendra Kumar Paltani R/o Durga Colony, Bilram gate, District- Kasganj, Uttar Pradesh Mob- 9837786707		
5. Name of Project	Utasini Khadar Sand Mining Project		
6. Project location (Plot/ Khasra /Gata No.)	Khasra No.- 625, 626, 639, 650, 651, 652, 653, 654, 655, 656, 657, 658, 924, 925, 926, 927		
7. Name of River	Yamuna		
8. Name of Village	Utasini Khadar		
9. Tehsil	Khair		
10.District	Aligarh		
11. Name of Minor Mineral	Sand		
12. Sanctioned LeaseArea (inHa.)	6.648 ha		
13. Mineable Area (in Ha.)	3.5987 ha		
14.Zero level mRL	179 mRL		
15.Max.&Min mRL within lease area	180 mRL- 179.5 mRL		
16.Pillar Coordinates(Verified by OMO)	Pillar	Latitude	Longitude
	A	27°55'56.10"N	77°32'3.00"E
	B	27°55'57.60"N	77°32'5.88"E
	C	27°55'59.40"N	77°32'4.92"E
	D	27°55'59.94"N	77°32'6.36"E
	E	27°56'4.66"N	77°32'3.69"E
	F	27°56'4.23"N	77°32'2.99"E
	G	27°56'5.09"N	77°32'2.33"E
	H	27°56'4.44"N	77°32'0.63"E
	I	27°56'5.11"N	77°32'0.10"E
	J	27°56'4.43"N	77°31'58.49"E
	K	27°56'2.94"N	77°31'59.42"E
	L	27°56'2.06"N	77°31'57.89"E
	M	27°56'2.02"N	77°31'57.62"E
	N	27°56'0.27"N	77°31'56.62"E
	O	27°55'59.68"N	77°31'55.67"E
	P	27°55'58.24"N	77°31'56.67"E
	Q	27°55'56.64"N	77°31'54.72"E
	R	27°55'56.34"N	77°31'55.02"E
	S	27°55'55.56"N	77°31'53.64"E
	T	27°55'53.94"N	77°31'55.86"E
	U	27°55'55.20"N	77°31'59.22"E
	V	27°55'56.04"N	77°31'58.32"E



	W	27°55'57.60"N	77°32'1.50"E
17.Total Geological Reserves	1,99,440 m3		
18.Total Mineable Reserves in LOI	6,02,256 m3		
19.Total Proposed Production (in five year)	83,100 m3		
20.Proposed Production for 5 years	83,100 m3 / Annum = total 4,15,500 m3 for 5 years		
21.Sanctioned Period of Mine lease	5 Years		
22.Production of mine/day	332 m3		
23.Method of Mining	Opencast Semi-Mechanized		
24.No.of working days	250 days		
25.Working hours/day	8 Hours/Day		
26.No.Of workers	78		
27.No.Of vehicle movement /day	16 trucks/day		
28.Type of Land	Govt. land River Bed		
29.Ultimate Depth of Mining	3 Meter		
30.Nearest metallised road from site	0.5 km		
31. Water Requirement	Purpose	Requirement (kld)	
	Drinking and domestic	3.94	
	Suppression of dust	3.0	
	Plantation	0.45	
	Others( if any)	-----	
	Total	7.39	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Earthood Services Pvt. ltd. 424A, Tower B3, Spaze I-Tech Park, 49, Sohna Road, Gurugram-122018. Period of validity: 11-05-2021		
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. 1269(i)Up-Khanij/Balu/2017-2018 dated 25/06/2019		
35. Details of Lease Area in approved DSR	Page No. 6		
36. Proposed CSR cost	0.8 Lakh		
37. Proposed EMP cost	2 Lakh		
38. Length and breadth of Haul Road.	Length-0.5 Km, Width- 5.0 meter		
39. No. of Trees to be Planted	220		

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 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.**

**23. Sand/Morrum Mining along Yamuna River Bed in Khand No.-A-2, Gata No.-308mi, 325mi, 326mi, 327mi, 328mi, 323, 324, 332, 329, 330mi, 331mi, 333mi, 335mi, 322mi, at Village-Adhawal, Tehsil-Sadar, District-Fatehpur., M/s Shreebamdev, (Leased Area-23.75 Ha). File No. 5287/Proposal No. SIA/UP/MIN/47512/2019**

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 Sand/Morrum Mining along Yamuna River Bed in Khand No.-A-2, Gata No.-308mi, 325mi, 326mi, 327mi, 328mi, 323, 324, 332, 329, 330mi, 331mi, 333mi, 335mi, 322mi, at Village-Adhawal, Tehsil-Sadar, District-Fatehpur., (Leased Area-23.75 Ha), M/s Shreebamdev.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/47512/2019		
2. File No. allotted by SEIAA, UP	5287		
3. Name of Proponent	Shri Upendra Kumar Gupta		
4. Full correspondence address of proponent and mobile no.	Shri Upendra Kumar Gupta S/o Shri Munnilal Gupta R/o E-91, Shree Nath Vihar, Flat No. 2, Chilla Road, District - Banda, Uttar Pradesh - 210001		
5. Name of Project	River Bed Sand/Morrum Mining having lease area 23.75ha (58.68 acre) along River Yamuna in Khand No. A – 2, Gata No 308mi, 325mi, 326mi, 327mi, 328mi, 323, 324, 332, 329, 330mi, 331mi, 333mi, 335mi, 322mi, at Village – Adhawal, Tehsil- Sadar, District- Fatehpur, U. P.		
6. Project location (Plot/Khasra/Gata No.)	Khand No. A – 2, Gata No 308mi, 325mi, 326mi, 327mi, 328mi, 323, 324, 332, 329, 330mi, 331mi, 333mi, 335mi, 322mi		
7. Name of Village	Adhawal		
8. Tehsil	Sadar		
9. District	Fatehpur		
10. Name of Minor Mineral	River Bed Sand/Morrum Mining		
11. Sanctioned Lease Area (in ha.)	23.75ha		
12. Max. & Min mRL within lease area	The highest level is 96.3 mRL the lowest level is 88.40 mRL		
13. Zero Level mRL	Zero Level mRL is 88.0		
14. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
	A	25° 49' 45.48"N	80° 28' 38.94"E
	B	25° 49' 50.70"N	80° 28' 48.12"E
	C	25° 50' 10.15"N	80° 28' 34.45"E
	D	25° 50' 3.64"N	80° 28' 23.07"E
15. Total Geological Reserves	771,837 m <sup>3</sup>		
16. Total Mineable Reserves	475708 m <sup>3</sup>		
17. Total Proposed Production	2375000m <sup>3</sup> (5 Year)		
18. Proposed Production/year	475000 m <sup>3</sup>		
19. Sanctioned Period of Mine lease	5 years		
20. Production of mine/day	1900m <sup>3</sup>		
21. Method of Mining	Opencast semi- mechanized		
22. No. of working days	250		
23. Working hours/day	8 hrs		
24. No. of workers	80		
25. No. of vehicles movement/day	158		

26. Type of Land	Govt./Non Forest Land	
27. Depth of Mining	3.0 m	
28. Nearest metalled road from site	5.60 Km	
29 Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.800KLD @ 10 lpcd
	Suppression of dust	12.0 KLD @1.0 L for 1 sqm (2 time a day)
	Plantation	0.47 KLD @ 1lit/plant (475)
	Total	13.27 KLD
29. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh (Servicing Environment and Development) 116 01 May 2021	
30. Any litigation pending against the project or land in any court	No	
31. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-195/30MMC/(2018-19) dated 25.10.2018	
32. Details of Lease Area in approved DSR	Page No- 34Sr.no. No- 1	
33. Proposed CER cost	Project cost – 85.0 lacs/annum CER –1.70 lacs (2% of Total Cost)	
34. Proposed EMP cost	ToR	
35. Length and breadth of Haul Road	1.0 km and 6m	
36. No. of trees to be planted	475	

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-23**

**The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.**

#### **24. Sand Mining from Yamuna River Bed at Khand No.-10/29, Village-Beri, Hamirpur., M/s A.P.M. Mining And Infra P. L. Area:12.145 ha. File No. 5293/Proposal No. SIA/UP/MIN/47645/2019**

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 Sand Mining from Yamuna River Bed at Khand No.-10/29, Village-Beri, Hamirpur, U.P., (Leased Area:12.145 ha.), M/s A.P.M. Mining And Infra P. L.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/47645/2019
2. File No. allotted by SEIAA, UP	5293
3. Name of Proponent	M/s APM Mining and Infra Pvt.Ltd. Authorized Signatory- Shri Virendra Bahadur Singh
4. Full correspondence address of proponent and mobile no.	M/s APM Mining and Infra Pvt.Ltd. Proprietor- Shri Virendra Bahadur Singh S/o Shri Feku

	Singh, R/o H.No. 44-B, Gajpur,, Tehsil - Khalilabad, District - Sant Kabir Nagar, Uttar Pradesh																																																																				
5. Name of Project	Sand/Morrum Mining																																																																				
6. Project location (Plot/Khasra/Gata No.)	Khand No. 10/29																																																																				
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)	12.145 ha																																																																				
13. Mineable Area (in ha)	9.945 ha																																																																				
14. Zero level mRL	93 mRL																																																																				
15. Max. & Min mrl within lease area	100 mRL and 97 mRL																																																																				
16. Pillar Coordinates (Verified by DMO)	<table><tr><th colspan="3">Sanctioned Lease Area</th></tr><tr><th>Points</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>25°53'13.00"N</td><td>79°52'10.30"E</td></tr><tr><td>B</td><td>25°53'15.60"N</td><td>79°52'17.00"E</td></tr><tr><td>C</td><td>25°52'57.10"N</td><td>79°52'24.40"E</td></tr><tr><td>D</td><td>25°52'53.70"N</td><td>79°52'18.40"E</td></tr><tr><th colspan="3">Workable Area</th></tr><tr><th colspan="3">North side of the sanctioned MLA</th></tr><tr><td>A</td><td>25°53'13.00"N</td><td>79°52'10.30"E</td></tr><tr><td>B</td><td>25°53'15.60"N</td><td>79°52'17.00"E</td></tr><tr><td>F</td><td>25°53'7.56"N</td><td>79°52'20.20"E</td></tr><tr><td>E</td><td>25°53'4.66"N</td><td>79°52'13.81"E</td></tr><tr><th colspan="3">South side of the sanctioned MLA</th></tr><tr><td>H</td><td>25°53'1.47"N</td><td>79°52'15.18"E</td></tr><tr><td>G</td><td>25°53'4.21"N</td><td>79°52'21.54"E</td></tr><tr><td>C</td><td>25°52'57.10"N</td><td>79°52'24.40"E</td></tr><tr><td>D</td><td>25°52'53.70"N</td><td>79°52'18.40"E</td></tr><tr><th colspan="3">Non Workable Area (area under water channel)</th></tr><tr><td>E</td><td>25°53'4.66"N</td><td>79°52'13.81"E</td></tr><tr><td>F</td><td>25°53'7.56"N</td><td>79°52'20.20"E</td></tr><tr><td>G</td><td>25°53'4.21"N</td><td>79°52'21.54"E</td></tr><tr><td>H</td><td>25°53'1.47"N</td><td>79°52'15.18"E</td></tr></table>			Sanctioned Lease Area			Points	Latitude	Longitude	A	25°53'13.00"N	79°52'10.30"E	B	25°53'15.60"N	79°52'17.00"E	C	25°52'57.10"N	79°52'24.40"E	D	25°52'53.70"N	79°52'18.40"E	Workable Area			North side of the sanctioned MLA			A	25°53'13.00"N	79°52'10.30"E	B	25°53'15.60"N	79°52'17.00"E	F	25°53'7.56"N	79°52'20.20"E	E	25°53'4.66"N	79°52'13.81"E	South side of the sanctioned MLA			H	25°53'1.47"N	79°52'15.18"E	G	25°53'4.21"N	79°52'21.54"E	C	25°52'57.10"N	79°52'24.40"E	D	25°52'53.70"N	79°52'18.40"E	Non Workable Area (area under water channel)			E	25°53'4.66"N	79°52'13.81"E	F	25°53'7.56"N	79°52'20.20"E	G	25°53'4.21"N	79°52'21.54"E	H	25°53'1.47"N	79°52'15.18"E
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H	25°53'1.47"N	79°52'15.18"E																																																																			
17. Total Geological Reserves	3,37,911 m <sup>3</sup>																																																																				
18. Total Mineable Reserves in LOI	1,94,304 m <sup>3</sup> /year																																																																				
19. Total Proposed Production	1,94,304 m <sup>3</sup> /year (9,71,520 m <sup>3</sup> in 05 years)																																																																				
20. Proposed Production/year	1,94,304 m <sup>3</sup>																																																																				
21. Sanctioned Period of Mine lease	5 years																																																																				
22. Production of mine/day	707 m <sup>3</sup> /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	SH 91 (Hamirpur- Kalpi Marg) - 10.5 km* (N)																																																																				
31. Water Requirement	<table><tr><th>PURPOSE</th><th>REQUIREMENT (KLD)</th></tr><tr><td>Drinking</td><td>1.22</td></tr><tr><td>Suppression of dust</td><td>52.8</td></tr><tr><td>Plantation</td><td>0.03</td></tr><tr><td>Others (Stored water)</td><td>0.10</td></tr><tr><td>Total</td><td>54.15 KLD</td></tr></table>			PURPOSE	REQUIREMENT (KLD)	Drinking	1.22	Suppression of dust	52.8	Plantation	0.03	Others (Stored water)	0.10	Total	54.15 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 issued by DMO Hamirpur Letter No.1618/khanij-M-M-C- Tees- Vividh (2019-20) dated 27/11/2019
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.21,48,700/-
37. Proposed EMP cost/ Total Project Cost	Rs 87,41,697/- & 10,74,36,532/-
38. Length and Width of Haul Road	Unpaved Length 4.4 km and Paved Length 20.2 km and 6 m width
39. No. of Trees to be Planted	61

- 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-24**

For the preparation of EIA report, the request was made by the project proponent to consider the baseline data for the period of 01 March, 2018 to 31<sup>st</sup> May, 2018. The committee discussed the matter and concurred with the request and recommended to issue the terms of reference (TOR) for the preparation of EIA as mentioned in MoEFCC, OM No. J-11013/41/2008-IA-II(I) (Part) dated 29/08/2017 as annexed at annexure-1 to these minutes.

**25. Sand/Morrum Mining along Yamuna River Bed in Khand No.-D2, Gata No.- 93 min, Village-Devlan, District-Fatehpur., M/s Santosh Kumar and Sons (Area-18.21 Ha). File No. 5294/Proposal No. SIA/UP/MIN/47776/2019**

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:-

- The environmental clearance is sought for Sand/Morrum Mining along Yamuna River Bed in Khand No.-D2, Gata No.- 93 min, Village-Devlan, District-Fatehpur, U.P., (Leased Area-18.21 Ha), M/s Santosh Kumar and Sons.
- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/47776/2019
2. File No. allotted by SEIAA, UP	5294
3. Name of Proponent	M/s Santosh Kumar and Sons Shri Santosh Kumar Dwivedi S/o Shri Goverdhan Dwivedi
4. Full correspondence address of proponent and mobile no.	Shri Santosh Kumar Dwivedi S/o Shri Goverdhan Dwivedi R/o:- Village – Adampur Saibasi Majre Sarkandi, Tehsil and District - Fatehpur, Uttar Pradesh
5. Name of Project	Proposed River Bed Sand/Morrum Mining having lease area 18.21ha (45.00 acre) along River Yamuna in Khand No. D2, Gata No 93mi at Village – Devlan, Tehsil & District- Fatehpur, U. P.
6. Project location (Plot/Khasra/Gata No.)	Khand No. D2, Gata no. 93mi
7. Name of Village	Devlan
8. Tehsil	Fatehpur
9. District	Fatehpur

10. Name of Minor Mineral	Sand / Morrum Mining																	
11. Sanctioned Lease Area (in ha.)	18.21 ha																	
12. Max. & Min mRL within lease area	The highest level is 97.3 mRL The lowest level is 94.3 mRL																	
13. Zero Level mRL	Zero Level mRL is 93 mRL																	
14. Pillar Coordinates (Verified by DMO)	<table><tr><td>Pillar</td><td>Latitude</td><td>Longitude</td></tr><tr><td>A</td><td>25° 41' 15.02"N</td><td>80° 45' 02.34"E</td></tr><tr><td>B</td><td>25° 41' 09.28"N</td><td>80° 45' 05.28"E</td></tr><tr><td>C</td><td>25° 41' 04.28"N</td><td>80° 44' 38.70"E</td></tr><tr><td>D</td><td>25° 41' 11.60"N</td><td>80° 44' 35.34"E</td></tr></table>	Pillar	Latitude	Longitude	A	25° 41' 15.02"N	80° 45' 02.34"E	B	25° 41' 09.28"N	80° 45' 05.28"E	C	25° 41' 04.28"N	80° 44' 38.70"E	D	25° 41' 11.60"N	80° 44' 35.34"E		
Pillar	Latitude	Longitude																
A	25° 41' 15.02"N	80° 45' 02.34"E																
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C	25° 41' 04.28"N	80° 44' 38.70"E																
D	25° 41' 11.60"N	80° 44' 35.34"E																
15. Total Geological Reserves	556976 m <sup>3</sup>																	
16. Total Mineable Reserves	269125 m <sup>3</sup>																	
17. Total Proposed Production	1365750m <sup>3</sup> (5 Year)																	
18. Proposed Production/year	273150 m <sup>3</sup>																	
19. Sanctioned Period of Mine lease	5 years																	
20. Production of mine/day	1093 m <sup>3</sup>																	
21. Method of Mining	Opencast semi- mechanized																	
22. No. of working days	250																	
23. Working hours/day	8 hrs																	
24. No. of workers	65																	
25. No. of vehicles movement/day	91																	
26. Type of Land	Govt./Non Forest Land																	
27. Depth of Mining	3.0 m																	
28. Nearest metalled road from site	1.52 Km																	
29 Water Requirement	PURPOSE	REQUIREMENT (KLD)																
	Drinking	0.650KLD @ 10 lpcd																
	Suppression of dust	14.4 KLD @1.0 L for 1 sqm (2 time a day)																
	Plantation	0.580 KLD @ 1lit/plant (580)																
	Total	15.63 KLD																
29. Name of QCI Accredited Consultant with QCI No & period of validity.	Paramarsh (Servicing Environment and Development) 116 & 01 May 2021																	
30. Any litigation pending against the project or land in any court	No																	
31. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-180/30MMC/(2018-19)		dated 11.10.2018															
32. Details of Lease Area in approved DSR	Page No- 35 Sr.no. No- 11																	
33. Proposed CER cost	Project cost – 75.0 lacs/annum CER –1.50 lacs (2% of Total Cost)																	
34. Proposed EMP cost	TOR																	
35. Length and breadth of Haul Road	01.20 Km and 6m																	
36. No. of trees to be planted	580																	

- 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-25**

**The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.**

**26. Building Stone (Khandas & Gitti, Boulder) Mining at Khanda No.-29, Gata No.-03, Village-Dunara, District- Jhansi., M/s Krishna Agency, (Area-2.0 ha). File No. 5300/Proposal No. SIA/UP/MIN/47953/2019**

**RESOLUTION AGAINST AGENDA NO-26**

The project proponent did not appear. The committee discussed and deliberated that the 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. Sarita Sinha)**  
**Member**

**(Dr. Virendra Misra)**  
**Member**

**(Dr. Pramod Kumar Mishra)**  
**Member**

**(Dr. Ranjeet Kumar Dalela)**  
**Member**

**(Prof. S.K. Upadhyay)**  
**Member**

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

**(Shri Meraj Uddin)**  
**Member**

**(Shri Rajive Kumar)**  
**Member**

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

**Annexure-1**

**Terms of Reference for the Mining Project**

- 1) Project proponent should bring KML file at the time of EIA presentation.
- 2) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
- 3) A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be given.
- 4) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
- 5) All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
- 6) 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.
- 7) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 8) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 9) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
- 10) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report.
- 11) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
- 12) The study area will comprise of 10 km zone around the mine lease from 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) Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
- 14) CER cost to be calculated for individual lease.
- 15) An intimation regarding conducting the monitoring to be sent to concerned District Magistrate/State Pollution Control Board office/SEIAA.
- 16) All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project



- proponent both.
- 17) 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.
  - 18) MOU signed between the project proponent and the consultant should be submitted.
  - 19) The lab conducting the analysis should be authenticated and registered.
  - 20) Public hearing to be conducted as per EIA Notification, 2006.
  - 21) A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
  - 22) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
  - 23) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
  - 24) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
  - 25) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
  - 26) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
  - 27) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
  - 28) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
  - 29) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site 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, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
  - 30) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary

- allocation of funds for implementing the same should be made as part of the project cost.
- 31) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
  - 32) Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).
  - 33) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.
  - 34) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)]primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. 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.
  - 35) 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 vehicles 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 roses showing pre-dominant wind direction may also be indicated on the map.
  - 36) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
  - 37) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
  - 38) Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
  - 39) 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.
  - 40) 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. The

Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.

- 41) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
- 42) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
- 43) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of 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. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
- 44) 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 incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
- 45) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 46) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
- 47) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
- 48) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
- 49) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 50) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 51) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
- 52) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 53) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of

- EMP should be clearly spelt out.
- 54) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
  - 55) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
  - 56) 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.
  - 57) Consultant should bring raw data at the time of presentation.
  - 58) In surface water quality aquatic study of phytoplankton and zooplankton.
  - 59) The baseline data should be signed by NABL/MoEF&CC accredited analyst.
  - 60) The meteorological data should be site specific.
  - 61) Details of Kachcha haul road to be made motorable. Plan should be submitted.
  - 62) Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
  - 63) Besides the above, the below mentioned general points are also to be followed:-
    - a) Executive Summary of the EIA/EMP Report
    - b) All documents to be properly referenced with index and continuous page numbering.
    - c) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
    - d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
    - e) Where the documents provided are in a language other than English, an English translation should be provided.
    - f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
    - g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
    - h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
    - i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
    - j) The EIA report should also include: (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.