

### **Minutes of 829<sup>th</sup> SEAC-2 Meeting Dated 31/01/2024**

The 829<sup>th</sup> meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 31/01/2024. Following members participated in the meeting:

- |    |                             |                             |
|----|-----------------------------|-----------------------------|
| 1. | Dr. Harikesh Bahadur Singh, | Chairman, SEAC-2            |
| 2. | Dr. Amrit Lal Halder,       | Member, SEAC-2              |
| 3. | Dr. Dineshwar Prasad Singh, | Member, SEAC-2 (through VC) |
| 4. | Shri Tanzar Ullah Khan,     | Member, SEAC-2              |
| 5. | Prof. Jaswant Singh,        | Member, SEAC-2              |
| 6. | Dr. Shiv Om Singh,          | Member, SEAC-2 (through VC) |
| 7. | Shri Ashish Tiwari,         | Member Secretary, SEAC-2    |

The Chairman welcomed the members to the 829<sup>th</sup> SEAC-2 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-2 informed the committee that the agenda has been approved by the Member Secretary, SEAC-2/Director, Environment.

**1. “UP Defence Industrial Corridor” at Village Khutaira, Buktabuzurg, Tehsil- Karwi, District- Chitrakoot, Shri Shrish Chandra Verma, Uttar Pradesh Expressways Industrial Development Authority (UPEIDA), 8628/6856/SIA/UP/INFRA1/456812/2023**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s EQMS India Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for “UP Defence Industrial Corridor” at Village-Khutaira, Buktabuzurg, Tehsil- Karwi, District- Chitrakoot, U.P., Uttar Pradesh Expressways Industrial Development Authority (UPEIDA).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 11/Parya/SEIAA/6856/2021, dated 11/04/2022.
3. The public hearing was organized under the chairmanship of Additional District Magistrate, Chitrakoot on 15/07/2023 at Auditorium Block Pahari Tehsil Karwi, Chitrakoot. Final EIA report submitted by the project proponent on 27/12/2023.
4. The project will be spread over an area of 102.43 ha. The proposed project is an industrial area development which will have multiple engineering and secondary metallurgical industries.
5. Environmental sensitivity around the project site:

S. No.	Parameter	Description
1.	Presence of Wildlife Sanctuary/National Park/Biosphere Reserves	None within 10 km study area.
2.	Reserved /Protected Forests	None within the study area
3.	Wetland of State and National Interest	None within study area
4.	Presence of Schedule-I Fauna	None within study area
5.	Critically Polluted Area	None within study area
6	Site connectivity	Site is accessible through NH73 1A (connecting Citrakoot to Pratapgarh) which is passing along the southern boundary of the project.
7	Nearest Rail Station	Chitrakoot Dham located about 16 km from the site in southwest direction.
8	Nearest Airport	Prayagraj -75 km

9	Archaeologically important places	None
10	State Boundary	None
11	Defence Installation	There are no Defense installations
11	Water Bodies	Paisuni River(5.50km,N), Geduwa River(2.21km,SE) Ohan River(9.21km,SE)

6. Details of proposed industry under the project:

- Land Systems
- All calibre weapons
- All calibre ammunitions
- Explosive based units
- Maintenance and overhaul of battle tanks, armoured vehicles special vehicles, helicopters and other equipment's
- Unmanned Aerial Systems, Drones and Courier Drone Systems
- Special Vehicles
- Motors
- Engines
- Metallic Components
- Frames for Airplanes and Helicopters
- Robotics
- Electronics
- Common Facilities Centre
- Firing Ranges
- Testing Ranges
- Missiles and Components
- Satellite Components
- Electronic Warfare Systems

7. Salient features of the project:

S.No	Particulars	Unit	Details
1	Project Cost	Rs.	60 Crores
<b>AREA DETAILS</b>			
2	Total Plot Area	m <sup>2</sup>	1024300 (102.43ha.)
3	Common Road Area (to be developed by UPEIDA) – (A)	m <sup>2</sup>	87000
4	Area under services and common infrastructure	m <sup>2</sup>	10000
5	Common Green Area (to be developed by UPEIDA) –(B)	m <sup>2</sup>	106000
5	Total Plotted Area	m <sup>2</sup>	821300
6	Ground Coverage (Permissible) (55%)	m <sup>2</sup>	451715
7	Permissible FAR (1)	m <sup>2</sup>	821300
8	Non-FAR Area/ Service Area (0.15)	m <sup>2</sup>	123195
9	Built up area (FAR + Non-FAR)	m <sup>2</sup>	944495
10	Parking –(C)	m <sup>2</sup>	8213
11	Open Area (including Roads and green area)	m <sup>2</sup>	562585
12	Green Area	m <sup>2</sup>	(33% of total plot area out of which 10.5% of total area will be the common green area to be developed by UPEIDA rest of the green area will be developed by individual industries)
<b>POPULATION/EMPLOYMENT</b>			

13	Staff (@20 persons per 1000 m <sup>2</sup> )	Nos.	15200
14	Visitor (20% additional)	Nos.	3040
15	Total Population	Nos.	18240
<b>SERVICE DETAILS &amp; ENVIRONMENTAL ASPECTS</b>			
16	Total Water Requirement	KLD	3212
17	Fresh Water Requirement	KLD	2588 Industrial Purpose - 2254 Domestic-334,
18	Domestic Wastewater Generation	KLD	694
19	Wastewater Treatment Schemes	KLD	STP-750 MBBR Technology
20	Treated Water Available	KLD	624
21	Effluent Generation	KLD	1127
22	Power Requirement (Source: UPPCL)	MW	50

**8. Land use details:**

Particular	Area (Sqm)	Area (acre)	Area (ha)	%
Plotted area	821300	202.95	82.1300	80.18
Common Green Area	106000	26.19	10.6000	10.35
Common service and infrastructure	10000	2.47	5.7000	0.98
Common Road Area	87000	21.50	8.7000	8.49
Total Plot Area (A)	1024300	253.11	102.4	100.00

**9. Water calculation details:**

Particulars	Quantity	Factor	Total Water Requirement (in KLD)	Domestic Requirement (in KLD)	Flushing Requirement (in KLD)	Wastewater (in KLD)
Staff	15200	45	684	304	380	
Visitors	3040	25	76	30	46	
Sub-total			760	334	426	
Wastewater				268	426	693
Industrial Water	187.8	12 KLD/Acre	2254	2254	0	1127
Landscaping	106248		198			0
Total Water			3212			1820

**10. Municipal Solid Waste Generation:**

Category	Capacity	Standard-Kg/day	Total Waste-kg/day	Biodegradable Waste kg/day	Non-Biodegradable Waste kg/day
<b>Domestic Waste</b>					
Staff	15200	0.3	4560	1824	2736
Visitor	3040	0.15	456	182	274
Landscaping		0.2 Kg/acre	5	5	
Total Municipal Waste			5021	2011	3010
STP Sludge			6 kg/day		

**11. Hazardous waste details:**

S. No.	Category of Waste	Quantity	Disposal	Applicable Rule
1	Biodegradable Waste	2011 Kg/day	Common Waste Management Facility	Solid Waste Management Rules, 2016
2	Non-Biodegradable waste (A+B)	3010 Kg/day	Shall be given to Approved Recycler as per applicable Rule	Solid Waste Management Rules, 2016
A	Plastic Waste	1505 Kg/day		Plastic Waste Management Rules, 2016
B	Other Waste	1505 Kg/day		Solid Waste Management Rules, 2016
3	E-Waste	5 Kg/day		E-Waste (Handling &

				Management) Rules, 2018
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12. Around 11,660 trees proposed to be planted by UPEIDA.

13. Rain water harvesting details:

Runoff Calculation		
Pre-Development Runoff		Unit
Catchment area	1024300	Sq.m
Coefficient	0.1	
Rainfall Intensity	0.020	m/day
Runoff	2048.6	cum/day
Post-Development Runoff		
Road area	87000	Sq.m
Coefficient	0.7	
Open space	106000	Sq.m
Coefficient	0.3	
Plotted area	831300	Sq.m
Coefficient	0.5	
Runoff	10167	cum/day
Recharge to be done considering 50% runoff	5083.5	Cum/day
Recharge Pit depth	4	Mt
Recharge Pit Dia	4	Mt
Recharge pit volume	50.27	Cum
No of recharge pits	101	No's

14. Action Plan as per Ministry's O.M. dated 30/09/2020:

- CER fund Rs. 1.20 crore shall be used to improve the drinking water facilities and Rainwater Harvesting in nearby villages.

15. The project proposal falls under category-7(c) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 25/01/2024 mentioning is as follows:

1. I, Sanjay Kumar Jain is EIA Coordinator of EQMS Global Pvt. Ltd.
2. I have prepared EIA/EMP report for the proposal no. SIA/UP/NCP/70802/2022 in name of "UP Defence Industrial Corridor" at Village-Khutaira, Buktabuzurg, Tehsil- Karwi, District- Chitrakoot, U.P., Uttar Pradesh Expressways Industrial Development Authority (UPEIDA) with my team.
3. I have personally visited the site of proposal and certify that no construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with EIA/EMP are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which will be submitted after acceptance of application.
7. I state that all the TOR points have been complied and all the issues raised during public hearing have been properly addressed in EIA report.
8. The EIA/EMP report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

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

**The committee discussed the matter and recommended grant of environmental clearance on the proposal as above along with following standard environmental clearance conditions prescribed by MoEF&CC, GoI:**

- I. Under the project, different purposes of area/land has been allotted, separate Environmental Clearance shall be taken for the project/activity having built-up area more than 20,000 sqm and any type of industry/activity covered under the provision of EIA Notification 2006, (as amended).
  - II. Zone wise industries will be established. Buffer zone between the red, green and other industries should be maintained as green belt.
  - III. No ground water will be used under the project.
  - IV. UPEIDA should ensure that 33% area of the total plot area should be developed as green area with native place while allotting the land to the individual unit. UPEIDA should ensure its compliance.
  - V. **Statutory compliance:**
    - i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
    - ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
    - iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report, (in case of the presence of schedule-I species in the study area)
    - iv. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
    - v. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
    - vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
    - vii. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities.
    - viii. This environmental clearance is only for the said Industrial Area. Any other activity within the Industrial Area would require separate environmental clearance, as applicable under EIA Notification, 2006 as amended from time to time. For all the individual units, environmental clearances, as applicable, shall be obtained from the respective regulatory authorities.
    - ix. The buildings shall have adequate distance (as per local building bye laws) between them to allow movement of fresh air and passage of natural light, air and ventilation in accordance with guidelines of local authorities
- VI. Air quality monitoring and preservation**
- i. The D.G. sets to be used during development/ construction phase shall be in conformity to Environment (Protection) Rules prescribed for air and noise emission standards. Storage of diesel shall be made underground and necessary approvals/permissions from Chief control of explosives to be obtained.
  - ii. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking, loading and unloading shall be fully internalized and no public space shall be utilized.
  - iii. Vehicles hired for bringing construction material to the site should have a Pollution Under Control (PUC) certificate and shall conform to applicable air and noise emission standards and shall be operated only during non-peak hours.

**VII. Water quality monitoring and preservation**

- i. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986.
- ii. Construction of storm water drains for collection, storage and its re-use as per guidelines of Central Ground Water Authority (CGWA).
- iii. Fixtures for showers, toilet flushing and drinking shall be of low flow either by use of aerators or pressure reducing devices or sensor based control.
- iv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured/recorded to ensure the water balance as projected by the project proponent. The record shall be submitted to the concerned Regional Office of the Ministry along with six monthly monitoring reports.
- v. Water demand during development/construction shall be reduced by use of pre-mixed concrete, curing agents and other best practices referred. Project specific
- vi. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- vii. The project proponent shall make efforts to minimize water consumption in the industrial complex by segregation of used water, practicing cascade use and by recycling treated water.
- viii. Member industries shall treat the effluent to meet the prescribed CETP inlet norms.
- ix. The member units shall provide RCC tanks for storage of effluent for monitoring the characteristics of effluent before taking into the Common Effluent Treatment Plant (CETP) for further treatment.
- x. Proper flow meters along with online monitoring facilities shall be provided to monitor the effluent quality and quantity sent from member industries to CETP and from CETP to the final disposal/re-use on a continuous basis.
- xi. Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the monsoon period.
- xii. To achieve the Zero Liquid Discharge, waste water generated from different industrial operations shall be properly collected, treated to the prescribed standards and then recycled or reused for the identified uses. - Project specific.
- xiii. The project should not amend or alter the pathways of the natural streams or creeks/nallah flowing.
- xiv. Rain water harvesting for roof run-off and surface run-off, as plan submitted shall be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease. The borewell for rainwater recharging shall be kept at least 4 m above the highest ground water table.

**VIII. Noise monitoring and prevention**

- i. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during daytime and 70 dB(A) during night time

**IX. Energy Conservation measures**

- i. Provide solar power generation on rooftops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
- ii. Provide LED lights in their offices and residential areas.

**X. Waste management**

- i. Disposal of muck during development/construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent

authority. The ground water quality of the adjacent to dumping area should be monitored and report should be submitted to MoEF&CC and its Regional Office concerned.

- ii. Fly ash bricks should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016.
- iii. All hazardous waste generated during development/ construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the Central Pollution Control Board/State Pollution Control Board.
- iv. Used LEDs shall be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible. Energy conservation measures should be as per Bureau of Energy Efficiency (BEE) standards.
- v. Air pollution and the solid waste management aspects need to be properly addressed ensuring compliance of the Construction and Demolition Waste Management Rules, 2016.
- vi. The solid waste generated shall be properly collected and segregated in accordance with the Solid Waste Management Rules, 2016. Wet garbage shall be composted and dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material. No municipal waste shall be disposed off outside the premises

#### **XI. Green Belt**

- i. The UPEIDA should ensure that 33% area of the total plot area should be developed as green area with native place while allotting the land to the individual unit. UPEIDA should ensure its compliance.
- ii. Cutting of plants/trees are to be totally avoided by the construction labours. The contractor has to maintain log book for the purchase and distribution of fuel wood.
- iii. Management Plan for biodiversity conservation along with the implementation schedule should be prepared with the help of concerned government institution /state forest department, and same to be submitted to MoEF&CC and its Regional Office before commencement of work. Sufficient fund provision to be made to implement the same.
- iv. All the topsoil excavated during development/construction activities should be stored for use in horticulture/landscape development within the project site. Report should be submitted to MoEF&CC and its Regional Office concerned.
- v. For monitoring of land use pattern, a time series of landuse maps, based on satellite imagery (on a scale of 1: 5000) of the core zone and buffer zone, shall be prepared once in 3 years (for any one particular season which is consistent in the time series), and the report submitted to MOEF and its concerned Regional office.

#### **XII. Public hearing and Human health issues**

- i. 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, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- ii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

#### **XIII. Corporate Environment Responsibility**

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-1 A.III dated 1<sup>st</sup> May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest /

- wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
  - iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
  - v. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
  - vi. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) regarding plants located in the industrial estates/park shall be implemented.
  - vii. Special purpose vehicle shall be established for implementation, monitoring and compliance of the environmental safeguards.

**XIV. Miscellaneous**

- i. Construction material has to be brought from approved/authorized places.
- ii. Internal Road widths within the industrial area shall be minimum 18 m ROW.
- iii. Parking space to accommodate trucks, cars, two wheelers and bicycles shall be provided as per the norms.
- iv. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- v. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- vi. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- vii. The project proponent shall monitor the criteria pollutants level namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- viii. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- ix. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- x. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- xi. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- xii. 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.
- xiii. 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).



- xiv. 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.
- xv. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xvi. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xvii. 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.
- xviii. 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.
- xix. 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.

**2. “Morrum Mining Project” on the riverbed of River Betwa at Khand No. - 25/11, Village-Ichchaura Jhitkari, Tehsil- Sarila & District- Hamirpur, Shri Rasmeet Singh Malhotra, Area 27.350 ha., 8630/SIA/UP/MIN/456459/2023**

**RESOLUTION AGAINST AGENDA NO. 02**

The project proponent/consultant 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 requests on prescribed online portal.

**3. “Riverbed Ordinary Sand Mining” Project Riverbed of Yamuna river at Araj No/Gata No.- 22mi, Khand-2, Village – Khartla Katri, Tehsil -Bhognipur, District- Kanpur Dehat, Shri Vivek Verma, M/s Shri Bala Ji Enterprises, Area – 12.00 ha., 8632/8021/SIA/UP/MIN/456568/2023**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and Development. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

- 1. The environmental clearance is sought for “Riverbed Ordinary Sand Mining” riverbed of Yamuna river at Araj No/Gata No. 22mi, Khand-2, Village– Khartla Katri, Tehsil -Bhognipur, District- Kanpur Dehat, Uttar Pradesh, (Leased Area- 12.0 ha.), M/s Shri Bala Ji Enterprises.
- 2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 224/Parya/SEIAA/8021/2023 dated 08 September 2023.
- 3. The Public Hearing was organized on 08/12/2023. Final EIA report submitted by the project proponent on 29/12/2023.
- 4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	New Proposal no. SIA/UP/MIN/456568/2023 Old Proposal no. SIA/UP/MIN/435118/2023
2.	File No. allotted by SEIAA, UP	8632/8021
3.	Name of Proponent	M/s Shri Bala Ji Enterprises

		Prop: Vivek Verma S/o Asha Deen Verma		
4.	Full correspondence address of proponent and mobile no.	R/o 70 Gopal Nagar Naubasta, Kidwai Nagar Kanpur Nagar - 208011, Uttar Pradesh		
		Mobile no. –		
		E mail ID - singhsomendra023@gmail.com		
5.	Name of Project	Environment Clearance of proposed riverbed Ordinary Sand Mining” having lease area – 12.00 ha along riverbed of Yamuna river at Araji No/Gata No. 22mi, Khand-2, Village– Khartla Katri, Tehsil -Bhognipur, District-Kanpur Dehat, Uttar Pradesh of M/s Shri Bala Ji Enterprises.		
6.	Project Location (Plot. Khasra/Gata No.)	Araji No/Gata No. 22mi, Khand-2		
7.	Name of Village	Yamuna		
8.	Tehsil	Khartla Katri		
9.	District	Bhognipur		
10.	Name of Minor Mineral	Kanpur Dehat		
11.	Sanctioned Lease Area (in Ha.)	12.00 ha		
12.	Max. & Min mRL within lease area	Highest mRL -102.02 mRL Lowest mRL- 97.97 mRL		
13.	Pillar Coordinates (Verified by DMO)	Point	Latitude N	Longitude E
		A	26°12' 19.72"N	79°40' 42.40"E
		B	26°12' 08.86"N	79°40' 39.16"E
		C	26°12' 16.10"N	79°40' 26.92"E
		D	26°12' 24.90"N	79°40' 30.37"E
14.	Total Geological Reserves	4,81,421 m <sup>3</sup>		
15.	Total Mineable Reserve	1,51,435 m <sup>3</sup>		
16.	Total Proposed Production (in five year)	7,20,000 m <sup>3</sup> (5 years)		
17.	Proposed Production /year (as per LoI)	1,44,000 m <sup>3</sup> /annum		
18.	Sanctioned Period of Mine lease	Plan Period 5 years		
19.	No. of worker	55		
20.	Type of Land	Govt./Non Forest Land		
21.	Ultimate Depth of Mining	3.0 m		
22.	Nearest metalled road from site	0.90 km		
23.	Water Requirement	PURPOSE		
		Drinking - 0.55 KLD		
		Suppression of dust - 10.80 KLD		
		Plantation - 12.00 KLD		
		Others (if any) - 0.00 KLD		
		Total - 23.35 KLD		
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development,U.P. NABET/EIA/2124 RA 0224, Valid till –01 May 2024		
25.	Any litigation pending against the project or land in any court	No		
26.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No-136/Khanan Lipik-Kanpur Dehat-Cluster/2023, dated -23/03/2023		
27.	Details of Lease Area in approved DSR	Serial no. 13, Page no. 11		
28.	Proposed EMP cost	Proposed EMP cost-22.51 Lacs (Project Cost -90.00 lacs, Proposed CER cost-1.80 lacs)		
29.	Length and breadth of Haul Road	Length – 0.90 km, Breadth – 6.00 m		
30.	No. of Trees to be Planted	12,000		
31.	Monitoring Period	Baseline Monitoring during Pre-monsoon Season (March 2023 to May 2023)		

**5. Action Plan as per Ministry's O.M. dated 30/09/2020:**

S. No.	CER/EMP Activity	1st Year	2nd Year	3rd Year	4th Year	5th Year
1	Skill Development (Carpentry, Welding, Masonry works, plumbing, Tailoring etc.) for the local community will be	Rs.20,000.00				

	conducted					
2	Solar Lantern (27 @ Rs 750/pc)		Rs. 20,000.00			
3	Books/sports goods for primary school of village - Gonda				Rs. 20,000.00	
4	Health check-up camp		20,000.00			20,000.00
5	Hand pump (2 hand pump in Khartla Katri )			80,00,000.00		
Note : The above action plan will be implemented during project implementation phase. Zero date will start from the date of start for the proposed project.						

6. 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.
7. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
8. 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.
9. There is no litigation pending in any court regarding this project.
10. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 20/01/2024 mentioning is as follows:

1. I Pankaj Srivastava S/o Shri V. V. Srivastava is EIA Coordinator of Paramarsh servicing Environment and Development.
2. I have prepared EIA/EMP report for the Environment Clearance of proposed "Riverbed Ordinary Sand Mining" having lease area-12.00 ha along riverbed of Yamuna river at Araji No/Gata No. 22mi, Khand-2, Village- Khartla Katri, Tehsil -Bhognipur, District- Kanpur Dehat, Uttar Pradesh of M/s Shri Bala Ji Enterprises., Prop: Shri Vivek Verma., Proposal number:New Proposal no. SIA/UP/MIN/456568/2023
3. Old Proposal no. SIA/UP/MIN/435118/2023with my team.
4. I have personally visited the proposed site along with team and certify that no miningactivity has been undertaken on the project site for the presentproposal.
5. I am satisfied with that all the necessary data/information required for EIA/EMP preparations are true and correct.
6. I certify that this project has been uploaded for the first time on Parivesh Portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
8. I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report.
9. The EIA/EMP report for the Proposal is prepared by my team as per guidelineslaid down by QCI/NABET.

### **RESOLUTION AGAINST AGENDA NO. 03**

**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 to these minutes. The committee also stipulated the following additional conditions:**

1. The quantity mentioned in LoI or quantity mentioned in replenishment study, whichever is less, would be maximum quantity which project proponent may extract. It will be ensured by District Administration and Geology and Mining Department. Directorate of Geology and Mining will ensure conduct of replenishment study from reputed institution for subsequent years in compliance of Hon'ble NGT orders.
2. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be obtained before start of mining activity.

3. Project Proponent should submit action plan for carrying out plantation at least @ 1,000 plants / ha of lease area. In this case, PP should prepare a plan, duly approved either by Forest Department or District plantation committee, for planting at least (as per the project) plants, either on government land or community land, within a periphery of 5 km from the boundary of the lease area along with provisions for maintenance for 5 years. Survival of plants should not be less than the survival rate notified by Uttar Pradesh Forest Department otherwise it will be treated as violation of EC condition.
4. The project proponent shall install solar light in their site office.
5. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
6. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
7. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
8. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
9. The project proponent should explore the possibilities of rainwater harvesting.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
11. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
12. As per the proposed plan, plantation with area specific plant species, number of plants to be planted and report of green belt development to be submitted to the concerning department
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ water supplying agencies to be submitted.
14. Submit the Hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

**4. Ordinary Earth Mine at Gata No.- 1037, Village- Bahlolpur, Tehsil- Nawabganj, District- Barabanki, Shri Jung Bahadur, Area- 0.253 Ha., 8636/SIA/UP/MIN/457169/2023**

**RESOLUTION AGAINST AGENDA NO. 04**

The project proponent/consultant 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 requests on prescribed online portal.

**5. Building stone (Granite Khanda, Gitty, Boulder, Red Morrum) Mining Project in Gata No- 714, Khand No-03, at Village - Gonda, Tehsil-Karwi, District-Chitrakoot, Shri Rajendra Kumar Sharma, Area-1.4169 ha., 8638/SIA/UP/MIN/457198/2023**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and development, U.P. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Building stone (Granite Khanda, Gitty, Boulder, Red Morrum) Mining Project at Khasra/Gata No-714/03, Village-Gonda, Tehsil-Karwi, District-Chitrakoot, U.P., (Leased Area- 1.4169 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/457198/2023
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2.	File No. allotted by SEIAA, UP	8638																		
3.	Name of Proponent	Rajendra Kumar Sharma (Prop) S/o Shri Ram Pratap Sharma																		
4.	Full correspondence address of proponent and mobile no.	R/o Korari Gonda, Tehsil Karwi, District- Chitrakoot 210202, U. P. Mobile no. E mail ID - srajendrakumar111@gmail.com																		
5.	Name of Project	Proposed Building stone (Granite Khanda, Gitty, Boulder, Red Morrum) Mining Project in Khasra/Gata No-714/03, Lease area-1.4169 ha at Village-Gonda, Tehsil-Karwi, District-Chitrakoot, U.P. of Shri Rajendra Kumar Sharma.																		
6.	Project Location (Plot. Khasra/Gata No.)	Khasra/Gata No-714/03																		
7.	Name of Village	Village-Gonda																		
8.	Tehsil	Karwi																		
9.	District	Chitrakoot																		
10.	Name of Minor Mineral	Building stone (Granite Khanda, Gitty, Boulder, Red Morrum)																		
11.	Sanctioned Lease Area (in Ha.)	1.4169 ha																		
12.	Max. & Min mRL within lease area	Highest mRL - 195.0 mRL Lowest mRL - 164.0 mRL																		
13.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillar</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr> <td colspan="3">Total Area- 1.4169 ha</td></tr> <tr> <td>A</td><td>25° 12'30.40"N</td><td>80° 45' 39.40"E</td></tr> <tr> <td>B</td><td>25° 12'29.40"N</td><td>80° 45' 41.60"E</td></tr> <tr> <td>C</td><td>25° 12'24.30"N</td><td>80° 45' 39.00"E</td></tr> <tr> <td>D</td><td>25° 12'25.30"N</td><td>80° 45' 36.30"E</td></tr> </tbody> </table>	Pillar	Latitude	Longitude	Total Area- 1.4169 ha			A	25° 12'30.40"N	80° 45' 39.40"E	B	25° 12'29.40"N	80° 45' 41.60"E	C	25° 12'24.30"N	80° 45' 39.00"E	D	25° 12'25.30"N	80° 45' 36.30"E
Pillar	Latitude	Longitude																		
Total Area- 1.4169 ha																				
A	25° 12'30.40"N	80° 45' 39.40"E																		
B	25° 12'29.40"N	80° 45' 41.60"E																		
C	25° 12'24.30"N	80° 45' 39.00"E																		
D	25° 12'25.30"N	80° 45' 36.30"E																		
14.	Total Geological Reserves	5,56,509 m <sup>3</sup>																		
15.	Total Mineable Reserve	2,33,823.4 m <sup>3</sup>																		
16.	Total Proposed Production	70,845 m <sup>3</sup> (5 years)																		
17.	Proposed Production /year (as per LoI)	14,169 m <sup>3</sup>																		
18.	Sanctioned Period of Mine lease	Lease Period – 10 years Mine plan Period – Five Years																		
19.	No. of worker	56																		
20.	Type of Land	Govt./Non Forest Land																		
21.	Depth of Mining	42 m																		
22.	Nearest metalled road from site	0.45 km																		
23.	Water Requirement	<b>PURPOSE</b> Drinking - 0.56 KLD Suppression of dust - 5.34 KLD Plantation - 2.00 KLD Others (if any) - 0.00 KLD <b>Total - 8.0 KLD</b>																		
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124 RA 0224, Valid till -01 May 2024																		
25.	Any litigation pending against the project or land in any court	No																		
26.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No-1738/Khanij/2023-24, dated 22/05/2023																		
27.	Details of Lease Area in approved DSR	Serial no. 03, in village Gonda, Page no.29																		
28.	EMP Cost	EMP Cost-Apply for ToR Project Cost-85.0 Lacs, Proposed CER cost-1.70 Lacs																		
29.	Length and breadth of Haul Road	Length – 0.45 km, Breadth – 6.00 m																		
30.	No. of Trees to be Planted	2000																		
31.	Monitoring Period	Baseline Monitoring Period December 2023 to February 2024																		

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 consultant (EIA Coordinator) also submitted an affidavit dated 29/01/2024 mentioning is as follows:

1. I Dr. Pankaj Srivastava S/o Shri V. V. Srivastava is EIA Coordinator of Paramarsh servicing Environment and Development.
2. I have prepared ToR application along with Form 1, Pre-feasibility Report for the Proposed Building stone (Granite Khanda, Gitty, Boulder, Red Morrum) Mining Project in Khasra/Gata No-714/03, Lease area-1.4169 ha at Village- Gonda, Tehsil-Karwi, District-Chitrakoot, U.P. of Shri Rajendra Kumar Sharma, Proposal number: SIA/UP/MIN/457198/2023 with my team.
3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required for ToR application along with Form 1, Pre-feasibility Report preparations are true and correct.
5. I certify that this project has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
7. The ToR application along with Form 1, Pre-feasibility Report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

#### **RESOLUTION AGAINST AGENDA NO. 05**

**The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-2 to the minutes. The committee also stipulated following additional TOR Points:**

##### **Additional TOR:**

1. Raw data of all the baseline monitoring parameters will be provided as an annexure to the EIA Report.
2. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Logbook of their site visit along with activities carried out during monitoring (B) Real time photographs showing monitoring machine, public, lab person etc.
3. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
4. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
5. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP & UPPCB before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.

7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
11. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
12. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a working map to be submitted at the time of EIA presentation.
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
14. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
16. Proponent to submit latest status of project site along with the site photographs and also provide mined minerals record of the respective project site at the time of EIA presentation.

**6. “Building Stone (Granite Khanda, Boulder, Bailast (Gitti))” Project at Gata No.- 1 (Khand No.- 09), Village- Baghwa, Tehsil- Mahoba, Shri Harish Kumar Sahu, Mahoba, Area : 0.580 ha., 8640/SIA/UP/MIN/457239/2023**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P.. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining at Gata No.- 01 (Khand No.- 09), Village- Baghwa, Tehsil- Mahoba, District- Mahoba, U.P. (Applied Area- 0.580 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/457239/2023		
2.	File No. allotted by SEIAA, UP	8640		
3.	Name of Proponent	Shri Harish Kumar Sahu S/o Shri Raja Bhaiya Sahu		
4.	Full correspondence address of proponent	R/o- Pahara, Teh. & Distt.- Mahoba, U.P.		
5.	Name of Project	Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 01 (Khand No.- 09)		
7.	Name of Village	Baghwa		
8.	Tehsil	Mahoba		
9.	District	Mahoba		
10.	Name of Minor Mineral	Building Stone (Granite Khanda, Boulder, Bailast (Gitti))		
11.	Sanctioned Lease Area (in Ha.)	0.580 ha.		
12.	Max.& Min mRL within lease area	176 mRL- 165 mRL		
13.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 24' 21.70"N	80° 00' 39.45"E
		B	25° 24' 17.94"N	80° 00' 41.05"E
		C	25° 24' 19.96"N	80° 00' 36.63"E
14.	Total Geological Reserves	516207 m <sup>3</sup>		

15.	Total Mineable Reserves	86247 m <sup>3</sup>										
16.	Total Proposed Production (in five year)	50000 m <sup>3</sup>										
17.	Proposed Production / year	10000 m <sup>3</sup>										
18.	Sanctioned Period of Mine lease	10 Years										
19.	Method of Mining	Opencast Semi-Mechanized										
20.	No.Of workers	35 (approx.)										
21.	Type of Land	Govt. revenue land										
22.	Ultimate Depth of Mining	6 meter (average)										
23.	Nearest metallad road from site	100m										
24.	Water Requirement	<table><tr><th>PURPOSE</th><th>REQUIREMENT (KLD)</th></tr><tr><td>Drinking &amp; Others</td><td>0.40</td></tr><tr><td>Suppression of dust</td><td>0.60</td></tr><tr><td>Plantation</td><td>1.00</td></tr><tr><td>Total</td><td>2.00</td></tr></table>	PURPOSE	REQUIREMENT (KLD)	Drinking & Others	0.40	Suppression of dust	0.60	Plantation	1.00	Total	2.00
PURPOSE	REQUIREMENT (KLD)											
Drinking & Others	0.40											
Suppression of dust	0.60											
Plantation	1.00											
Total	2.00											
25.	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/2124/RA0224, Validity-01/05/2024										
26.	Any litigation pending against the project or land in any court	No										
27.	Details of 500 m Cluster certificate Verified by Mining Officer	DMO (Khanan Anubhag) Mahoba vide Letter No. 972/MMC-30/2023-24, Dated- 28.08.2023										
28.	Details of Lease Area in approved DSR	Sudhi Patra No.-2140/MMC-30-Khanij (2023-24), Dated 29-01-2024										
29.	Proposed CER cost	1.30 Lakh										
30.	Proposed EMP cost	EMP in First Year - 11.40 Lakh EMP (Recurring Years) – 6.95 Lakh										
31.	Length and breadth of Haul Road.	Length- 100m, Width- more than 6.0 m										
32.	No. of Trees to be Planted	1000										
33.	Monitoring Period	March to May, 2023										

- 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).

The consultant (EIA Coordinator) also submitted an affidavit dated 22/12/2023 mentioning is as follows:

- I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
- I will prepared EIA report for EC in the name of Shri Harish Kumar Sahu S/o Shri Raja Bhaiya Sahu for the Proposed “Building Stone (Granite Khanda, Boulder, Bailast (Gitti))” Project at Gata No.- 01 (Khand No.- 09), Village- Baghwa, Tehsil- Mahoba, District- Mahoba, U.P. (Applied Area : 0.580 ha.) with my team.
- I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
- I am satisfied with that all the necessary data/information submitted along with EIA are true and correct.
- I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
- I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.



7. I state that all the TOR Points will be complied and all the issues raised during Public Hearing will be properly addressed in EIA report.
8. The EIA report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 06**

**The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-2 to the minutes. The committee also stipulated following additional TOR Points:**

**Additional TOR:**

1. Raw data of all the baseline monitoring parameters will be provided as an annexure to the EIA Report.
2. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Logbook of their site visit along with activities carried out during monitoring (B) Real time photographs showing monitoring machine, public, lab person etc.
3. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
4. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
5. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP & UPPCB before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
11. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
12. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a working map to be submitted at the time of EIA presentation.
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
14. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
16. Proponent to submit latest status of project site along with the site photographs and also provide mined minerals record of the respective project site at the time of EIA presentation.

**7. “Building Stone (Khanda, Gitti, Boulder)” Project at Gata No.- 339 Khand No.- 20 (New), Village- Daharra, Tehsil- Mahoba, District- Mahoba, Shri Mohammad Wasim, Area : 1.214 ha., 8642/SIA/UP/MIN/457252/2023**

The Secretariat informed the committee that Hon'ble National Green Tribunal, New Delhi passed an order dated 07/12/2022 in O.A. No. 142 of 2022 in the matter of Jayant Kumar Vs. Ministry of Environment, Forests and Climate Change. In compliance of above Hon'ble NGT order MoEFCC, Govt. of India vide Officer Memorandum F.No. IA3-22/11/2023-IA.III(E-208230), dated 28/04/2023 directed all concerned SEACs to re-appraise the ECs issued by DEIAAs between 15/01/2016 and 13/09/2018 and all fresh ECs in this regard shall be granted only by SEIAAs based on such appraisal.

The committee noted that Ministry of Environment, Forests and Climate Change, Govt. of India issued an office memorandum no. IA-22/01/2021-IA-III-Part(1), dated 15/01/2024 through which they have prescribed detailed Standard Operating Procedure (SOP) for dealing/re-appraisal of Mining Proposals covered Under Ministry OM dated 28/04/2023 wherein:

“... ”

4. *Workflow to re-appraise such mining applications has been developed and rolled out on Parivesh Portal in accordance with the procedure outlined in Ministry's OM dated 24/04/2023. Henceforth, all such EC proposals shall be dealt in Parivesh Portal only. DC office shall scan all the EC files and upload on the Parivesh Portal, through their respective logins, for further consideration by the SEIAA.*
5. *On receipt of any such file, MS SEIAA, shall scrutinize the proposal for validity of EC. In case EC is valid, project proponent will be informed through email to submit Form 2, duly mentioning the unique intimation number received in the email, to respective SEAC for their further consideration. Detailed step by step work flow to be followed by all three users (DC office, SEIAA and project proponent) is given in the annexure.”*

The committed has gone through the Standard Operating Procedure (SOP) prescribed by MoEFCC and directed the project proponent to submit the above project proposal for re-appraisal as per procedure laid down in OM dated 15/01/2024.

**8. “Sand/ Bajri/ Boulder (RBM) Excavation Project” at Gata No. – 281, 282, Village – Barkalan, Tehsil- Behat, District - Saharanpur, Smt. Memta Urf Mamta, Area- 1.630 Ha., 8644/SIA/UP/MIN/457324/2024**

The Secretariat informed the committee that a letter no. NGT-684/81-7-2023, dated 17/01/2024 of Under Secretary, MoEF&CC, Govt. of U.P. annexing the D.O. letter dated 16/12/2023 of Principal Secretary, Geology and Mining Department, U.P. has been received in Directorate of Environment through which they have informed is as follows:

“... ”

2. अवगत कराना है कि ओ०ए० संख्या-462/2023 राजा राम सिंह बनाम उ०प्र० राज्य व अन्य में मा० राष्ट्रीय हरित अधिकरण, नई दिल्ली द्वारा पारित आदेश दिनांक 17-11-2023 के संगत प्रभावी अंश निम्नवत् है :-

8. In its report the Joint Committee has mentioned that the short term permit for a period of three months w.e.f. 13.03.2023 to 12.06.2023 was granted by the District Magistrate, Gonda without any requirement of environmental clearance from SEIAA and consent from UPPCB on the ground that the same was not made mandatory by the Mining Department. As per the directions given by the Hon'ble Supreme Court and this Tribunal no sand mining irrespective of area size can be permitted without environmental clearance from SEIAA and consent from SPCBs/SPCCs. Question as to permissibility/validity of such short term permits without

*environmental clearance from SEIAA and consent from SPCB/SPCC arises in the present case and requires response from the concerned authorities/persons.*

*9. However, in view of the precautionary principle embodied in Section 20 of National Green Tribunal Act, 2010, we consider it appropriate to direct that till the next date of hearing fixed no short term permit for mining of minor mineral (Sand, Morrum etc.) be granted in the State of Uttar Pradesh without EC from SEIAA and consent from UPPCB and without following Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020 in this regard.*

*5. अतः आपसे अपेक्षा की गयी है कि Sustainable Sand Mining Management Guidelines – 2016 के अनुसार कृषक द्वारा अपनी कृषि भूमि से बाढ़ के उपरांत जमा बालू को हटाये जाने को खनन संक्रिया नहीं माना गया है और इसे पर्यावरण अनापत्ति लिये जाने से छूट दी गयी है। अतएवं अनुरोध है कि कृपया उपरोक्त वर्णित तथ्यों को मा० राष्ट्रीय हरित अधिकरण के समक्ष रखते हुए स्थिति स्पष्ट कराने का कष्ट करें।”*

The Secretariat also informed the committee that Ministry of Environment, Forests and Climate Change, Govt. of India issued Notification No. S.O. 1224(E), dated 28/03/2020 through which they have following provisions has been made:

*“...(iii) for Appendix-IX, the following Appendix shall be substituted, namely:-*

#### **APPENDIX-IX**

##### **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 by manual mining, by the Kumhars (Potter) to prepare earthen pots, lamp, toys, etc. as per their customs.*
- 2. Extraction of ordinary clay or sand by manual mining, 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 or bunds undertaken in Mahatma Gandhi National Rural Employment and Guarantee Schemes, other Government sponsored schemes and community efforts.*
- 6. Extraction or sourcing or borrowing of ordinary earth for the linear projects such as roads, pipelines, etc.*
- 7. Dredging and de-silting of dams, reservoirs, weirs, barrages, river and canals for the purpose of their maintenance, upkeep and disaster management.*
- 8. 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.*
- 9. Manual extraction of lime shells (dead shell), shrines, etc., within inter tidal zone by the traditional community.*
- 10. Digging of wells for irrigation or drinking water purpose.*
- 11. Digging of foundation for buildings, not requiring prior environmental clearance, as the case may be.*

12. *Excavation of ordinary earth or clay for plugging of any breach caused in canal, nallah, drain, water body, etc., to deal with any disaster or flood like situation upon orders of the District Collector or District Magistrate or any other Competent Authority.*
13. *Activities declared by the State Government under legislations or rules as non-mining activity."*

The committee has gone through the provision made in MoEF&CC, Govt. of India Notification No. S.O. 1224(E), dated 28/03/2020 and order dated 17/11/2023 passed by Hon'ble NGT in O.A. No. 462/2023 and opined that the SEIAA my decided that whether the exemption from the requirement of environmental clearance in the matter may be granted or not as requested by the project proponent.

9. **Ordinary Sand Mine at Khand No.- 04, Village- Semri, Tehsil- Bara, District- Prayagraj, Shri Ramesh Nelluri, Area-8.0 ha., 8646/7635/SIA/UP/MIN/457387/2024**

**RESOLUTION AGAINST AGENDA NO. 09**

The project proponent/consultant 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 requests on prescribed online portal.

10. **"Sand/ Bajri/ Boulder (RBM) Excavation Project" at Gata No. – 1, Village – Abboo Talabpur Garh, Tehsil – Behat & District - Saharanpur, Shri Pradeep Singh, Area- 37.0 Ha., 8426/SIA/UP/MIN/450914/2023**

The Secretariat informed the committee that the matter was earlier discussed in 788<sup>th</sup> SEIAA meeting dated 05/01/2024 wherein:

*"SEIAA noted that SEAC has commented that the committee discussed the matter and gone through the Hon'ble NGT order dated 08/11/2023 passed in O.A. No. 188/2023 Gaurav Kumar Vs. State of U.P. & Ors. SEAC recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-3 to the minutes, with the remarks that the EC will not be granted till the disposal of the said order. SEIAA opined to refer back the project to SEAC for appraisal and recommendation of DSR as per MoEFCC letter no. F. No. L-11011/13/2021-IA-II (M) dated 04.12.2023."*

As per the above decision of SEIAA, the matter was listed in 829<sup>th</sup> SEAC meeting dated 31/01/2024. The SEAC has taken note of the minutes of SEIAA.

11. **"Sand/Morrum Mine" located at Gata No. Part of 72/47 & Part of 74/1 (Khand No. 03), Village – Pathri, Banda Shri Ravish Gumber, Area- 19.0 Ha., 8416/7910/SIA/UP/MIN/450684/2023**

The Secretariat informed the committee that the matter was earlier discussed in 813<sup>rd</sup> SEAC meeting dated 05/12/2023 and recommended to grant the environmental clearance for the project proposal along with general and specific conditions. Subsequently, the matter was listed in 789<sup>th</sup> SEIAA meeting dated 09/01/2024 wherein:

*"SEIAA noted that SEAC has recommended to grant EC to the above project. SEIAA gone through file and documents and found that as per MoM appraisal was done for "Sand/Morrum Mine" at Gata No. Part of 72/47 & Part of 74/1 (Khand No. 03), Village – Pathri, Tehsil & District – Banda,*

*Shri Ravish Gumber, Area- 19.0 Ha., 8416/7910/SIA/UP/MIN/450684/2023 whereas recommendation was done for "The environmental clearance is sought for "Morrum Mining Project" on the riverbed of River Betwa at Khand No. 25/3, Village-Ichchaura Jhitkari, Tehsil-Sarila & District- Hamirpur, U.P., (Leased Area- 18.610 ha.)." as per point no. 1 of MoM. Hence SEIAA opined to refer back the project to SEAC for clarification."*

As per the above decision of SEIAA, the matter was listed in 829<sup>th</sup> SEAC meeting dated 31/01/2024. The committee has gone through the file and documents and observed that due to typographical error in meeting of minutes dated 05/12/2023 in point no. 1 the location of the project is wrongly mentioned as "Morrum Mining Project" on the riverbed of River Betwa at Khand No. 25/3, Village-Ichchaura Jhitkari, Tehsil- Sarila & District- Hamirpur, U.P., (Leased Area- 18.610 ha.)." instead of "Sand/Morrum Mine" at Gata No. Part of 72/47 & Part of 74/1 (Khand No. 03), Village – Pathri, Tehsil & District – Banda, Shri Ravish Gumber, Area- 19.0 Ha.

**The committee discussed the matter and directed to rectify the location of the project and it should be read as "Sand/Morrum Mine" at Gata No. Part of 72/47 & Part of 74/1 (Khand No. 03), Village – Pathri, Tehsil & District – Banda, Shri Ravish Gumber, Area- 19.0 Ha. in point no. 1 of meeting of minutes dated 05/12/2023. The committee recommended grant of environmental clearance for the project proposal along with along with environmental clearance conditions as earlier prescribed in 813<sup>rd</sup> SEAC meeting dated 05/12/2023.**

**12. Commercial Building "Purvanchal Skyline Vista" at Plot No. - 01A, Sector- 94, Noida, District- Gautam Buddha Nagar, Shri Jauhar Abbas, M/s Purvanchal Projects Pvt Ltd., 8424/SIA/UP/INFRA2/450853/2023**

The Secretariat informed the committee that the matter was earlier discussed in 814<sup>th</sup> SEAC meeting dated 06/12/2023 and recommended to grant the environmental clearance for the project proposal along with general and specific conditions. Subsequently, the matter was listed in 790<sup>th</sup> SEIAA meeting dated 10/01/2024 wherein:

*"SEIAA noted that SEAC has recommended to grant EC to the above project. SEIAA gone through file and documents and found that the consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. whereas further in MoM it is mentioned that the consultant (EIA Coordinator) also submitted an affidavit dated 14/11/2023 mentioning is as follows:*

- 1. I, Tarun Saharan, S/o Shri Ranveer Saharan is EIA Coordinator of M/s Ambiantal Global Private Limited.*
- 2. I have prepared EIA/EMP report for the proposal SIA/UP/INFRA2/443091/2023 of proposed Group Housing Project "Irish Platinum" at Plot No. GH-04A, Sector-10, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh, M/s Irish Buildcon Pvt. Ltd. with my team.*

*Hence SEIAA opined to refer back the project to SEAC because of casual approach of recommendation because of which ECs are being delayed. "*

As per the above decision of SEIAA, the matter was listed in 829<sup>th</sup> SEAC meeting dated 31/01/2024. The committee has gone through the file and documents and observed that due to typographical error in meeting of minutes dated 06/12/2023 the EIA coordinator affidavit details mentioned is some other project proposal. The corrected details are as follows:

*"The consultant (EIA Coordinator) also submitted an affidavit dated 29/11/2023 mentioning*

is as follows:

1. I, Pramod Kumar Vishwakarma, S/o Shri R.P. Vishwakarma is EIA Coordinator of M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. at M.S. 1/10, Sector-A, Sitapur Road Yojna (Near St. Anthony School, Ram Ram Bank Chauraha) Aliganj, Lucknow-226021.
2. I have prepared the Form-1, 1A and Conceptual Plan for the File No. 8424, Proposal No. SIA/UP/Infra2/450853/2023 of the client Mr. Jauhar Abbas, Additional General Manager of M/s Purvanchal projects pvt. ltd have registered office at LSC, A-7, 2nd Floor Purvanchal Plaza, Mayur Vihar, Phase-II, New Delhi-110091 for the environmental clearance is sought for Commercial Building Project "Purvanchal Skyline Vista" at Plot No. - 01A, Sector- 94, Noida, District- Gautam Buddha Nagar, U.P., with my team.
3. I have personally visited the site of proposal and certify that no construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied that all the necessary data/information submitted along with EC application are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal for Environmental Clearance.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EC application for the proposal is prepared by my team as per guidelines laid down by QCI/NABET."

**The committee discussed the matter and directed to rectify the error regarding EIA coordinator affidavit and it should be read as above in meeting of minutes dated 06/12/2023. The committee recommended grant of environmental clearance for the project proposal along with along with environmental clearance conditions as earlier prescribed in 814<sup>th</sup> SEAC meeting dated 06/12/2023.**

**13. Cement Grinding Unit for proposed production of 2.5 MTPA at Village-Dharouli, Madhupur, Pargana, Tehsil-Patti, Pratapgarh, Shri Saurabh Lohia, M/s Kanodia Cem Pvt Ltd., 8342/7457/SIA/UP/IND1/447350/2023**

The Secretariat informed the committee that the matter was earlier discussed in 803<sup>rd</sup> SEAC meeting dated 30/10/2023 and the project proponent/consultant did not appear in the meeting and the committee decided that the project file should be closed and be opened only after request from the project proponent. The project proponent submitted their request through online Parivesh Portal and the matter was listed in 829<sup>th</sup> SEAC meeting dated 31/01/2024.

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Prakriti Consultants Services. During the presentation the committee noted that the public hearing advertisement Regional Office, UPPCB, Raibarely mentioned that the project or activity comes under 3(b) category-A as per EIA Notification, 14/09/2006 (as amended).

The committee discussed the matter and opined that as per provision of EIA Notification, 2006 Category-A project appraised at central level and only Category-B projects appraised at State Level. Hence, the committee directed the project proponent to submit clarification from UPPCB, Raibarely mentioned that whether the project proposal comes under Category A or B as per EIA Notification, 2006 (as amended).

The matter will be discussed after receipt of above information from online Parivesh Porta.

**14. Building Stone Minng Project at Khasra No.-201, Khand No.-04 at Village- Khairo, Tehsil- Grautha, District- Jhansi, Shri Sushil Kumar Gupta, M/s Sushil Stone Gramodhyog, Area - 2.428 ha., 8164/6488/SIA/UP/MIN/441645/2023**

The Secretariat informed the committee that the matter was earlier discussed in 788<sup>th</sup> SEAC meeting dated 19/09/2023 and recommended to grant the environmental clearance for the project proposal along with general and specific conditions. Subsequently, the matter was listed in 767<sup>th</sup> SEIAA meeting dated 26/10/2023 wherein:

*“SEIAA noted that SEAC has recommended to grant EC to the above project. SEIAA gone through file and document and found that in MoM following data is given which is not acceptable:-*

Total geological reserves	649322 M3
Total mineable reserves	45820 M3
Total Proposed Production (In 5 Years)	24280 M3
Total Proposed Production/Year	121400 M3/Year (according to as per LOI).

*Moreover mining plan submitted was approved on 21.6.2018 for 5 years and Geo coordinates mentioned in mining plan are different from Geo coordinates mentioned in MoM.”*

*The committee discussed the matter in its 808<sup>th</sup> SEAC meeting dated 09/11/2023 and directed the project proponent/consultant to submit point wise reply to the query raised by SEIAA and present it before the committee in the next meeting.*

The project proponent submitted their replies through online Parivesh Portal and the matter was again listed in 829<sup>th</sup> SEAC meeting dated 31/01/2024. A presentation was made by the project proponent along with their consultant M/s Earthvision India Associate Consultants. The project proponent submit the following point wise reply during the presentation:

- *Due to typographical mistake, total proposed production per year was mentioned in Mom, cumulative production for five year i.e 1,21,400 m<sup>3</sup>/year which has been corrected 24280 m<sup>3</sup>/year. Likewise total proposed production (in 5 years) was given 24,280 cubic meter which is corrected as 1,21,400 cubic meter.*
- *Due to typographical mistake, total mineable reserves was mention in MoM 45,820 m<sup>3</sup> which has been corrected as 4,58,220 cubic meter in new MoM.*
- *The geographical coordinates of each pillar as given in the mining plan are corrected with MoM. Mining Plan approved on 21-06-2018 for a period of 5 years. As per IBM (Indian Bureau of Mines, G.O.I.) Manual on appraisal of mining plan 2014, it is clearly mentioned that for the first year of mining plan for fresh grant cases is the financial year in which the lease has been executed. The lease deed is yet to be executed therefore first five year of mining plan shall be effected form date of execution of lease deed.*

The project proponent also submit revised salient features of the project which is as follows: as

1.	File No. allotted by SEIAA,UP	8164-6488
2.	Name of Proponent	M/s Sushil Stone Gramudhyog Shri Sushil kumar Gupta
3.	Full correspondence address of proponent	R/O-A.M. 2/14, VEERANGANA NAGAR, M.L. B. MEDICAL COLLEGE, TEHSIL & DISTRICT-JHANSI (U.P).

**Minutes of 829<sup>th</sup> SEAC-2 Meeting Dated 31/01/2024**

4.	Name of Project	Khairo Khanda Gitti Boulder (Building Stone) mining Project		
5.	Project Location (Plot.Khasra/Gata No.)	201 (Khand No. 04),		
6.	Name of Village	Khairo		
7.	Tehsil	Garautha		
8.	District	Jhansi		
9.	Name of Minor Mineral	Khanda Gitti Boulder(Building Stone		
10.	Sanctioned Lease Area (in Ha.)	2.428 Hectares		
11.	Max. & Min mRL within lease area	Highest is 195.0 mRL west & Lowest is 178.12 mRL East		
12.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 35' 6.604"	79° 13' 43.597"
		B	25° 35' 11.821"	79° 13' 42.133"
		C	25° 35' 14.186"	79° 13' 46.438"
		D	25° 35' 7.823"	79° 13' 48.081"
13.	Total geological reserves	649322 M <sup>3</sup>		
14.	Total mineable reserves	458220 M <sup>3</sup>		
15.	Total Proposed Production (In 5 Years)	121400 M <sup>3</sup>		
16.	Proposed Production/Year	24280 M <sup>3</sup> /Year (according to as per LOI).		
17.	Sanctioned Period of Mine lease	20 years		
18.	No. of workers	27 Workers		
19.	Type of Land	Govt. Waste land		
20.	Ultimate Depth of Mining	18 meter		
21.	Nearest metalled road from site	SH-42 road, 1.57km., North East		
22.	Water Requirement		Purpose	Avg. Demand/Day
		Portable Tanker	Drinking@13lpcd/worker	0.351 KLD
			Mine operation/others	2.0 KLD
			Land reclamation / plantation @5 Lit/Tree	0.250KLD
			Dust suppression @4Lit/Sq.m (Twice in a day)	2.4 KLD
		Total		5 KLD
23.	Name of QCI Accredited Consultant with QCI No and period of validity	M/s Earthvision India Associate Consultant, NABET/EIA/2124/IA 0077 Valid till 24-02-2024		
24.	Any litigation pending against the project or land in any court	No		
25.	Details of 500 m Cluster certificate verified by Mining Officer	1.0 Gata no. 201 village-Khairo Area-2.023ha 2.0 Gata no. 201 village-Khairo Area-2.023Ha 3.0 Gata no. 201 village-Khairo Area-2.023Ha 4.0 Gata no. 113,114 village-Habupura Area-2.823ha Total area in cluster is 8.90ha		
26.	Details of lease area in approved DSR	The Proposed lease area having Gata no. 201 (khand No. 04) having area 2.428ha is listed at page no. 37 and in serial 179 & 180 of DSR Jhansi		
27.	Proposed EMP cost	Rs. 7.75 Lakhs		
28.	Length and width of Haul Road	100 meter and 6meter respectively		
29.	No. of Trees to be Planted.	2000		
30.	Monitoring period	October 2022 to December 2022		



**RESOLUTION AGAINST AGENDA NO. 14**

The committee has gone through the file and documents, revised salient features and opined that the reply submitted by the project proponent seems to be satisfactory and recommended grant of environmental clearance for the project proposal along with environmental clearance conditions as earlier prescribed in 788<sup>th</sup> SEAC meeting dated 19/09/2023.

**(Prof. Jaswant Singh)**  
**Member**

**(Dr. Amrit Lal Haldar)**  
**Member**

**(Dr. Dineshwar Prasad Singh)**  
**Member**

**(Tanzar Ullah Khan)**  
**Member**

**(Dr. Shiv Om Singh)**  
**Member**

**(Dr. Harikesh Bahadur Singh)**  
**Chairman**

**(Ashish Tiwari)**  
**Member-Secretary**

**Nodal, SEAC-2**

MoM prepared by Secretariat in consultation with  
Chairman & Members on the basis of decisions  
taken by SEAC-2 during the meeting.

**Annexure-1**

**General and Specific Conditions 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 Integrated Regional Office, MoEF&CC, GoI, 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 Integrated Regional Office, MoEF&CC, GoI, 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. The environmental clearance will be co-terminus with the validity of the lease period mentioned in the LoI or co-terminus with the validity of current mine plan whichever is earlier, after this period the EC will become null and void.
2. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
3. Environment management in according to environmental status and impact of the project.
4. During the school opening and closing time transportation of minerals will be restricted.
5. Selection of plants for green belt should be on the basis of pollution removal index. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
7. Pakkamotorable haul road to be maintained by the project proponent.
8. 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.
9. Permission from the competent authority regarding evacuation route should be taken.
10. 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.
11. Provision for cylinder to workers should be made for cooking.
12. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
13. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road. Width of the haul road shall be more than 6 meter.
14. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
15. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
16. Provision for two toilets and hand pumps should be made at mining site.
17. Drinking water for workers would be provided by tankers.
18. 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.
19. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
20. Corporate Environmental Responsibility (CER) plan 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.

21. 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.
22. 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.
23. 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.
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 05 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. 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. 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 05 ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 05 ha, the E.C issued will stand revoked.
30. 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.
31. The mining work will be open-cast and manual/semi mechanized (subject to orders). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
32. 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.
33. 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.
34. 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.
35. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
36. 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.
37. The critical parameters such as PM10, PM2.5, SO<sub>2</sub> and NO<sub>x</sub> 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))].
38. 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.
39. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.

40. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
41. 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.
42. 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.
43. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
44. 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.
45. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
46. 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 Integrated Regional Office, MoEF&CC, GoI, Lucknow, SEIAA, U.P. and UPPCB.
47. 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 Integrated Regional Office, MoEF&CC, GoI, Lucknow, CPCB, State PCB.
48. The MoEF&CC/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
49. 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.
50. 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.
51. Waste water from potable use be collected and reused for sprinkling.
52. 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.

**Annexure-2**

**Standard Terms of Reference for the Mining Project prescribed by MoEF&CC, GoI**

- 1) 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.
- 2) A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be given.
- 3) 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.
- 4) 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).
- 5) 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.
- 6) 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.
- 7) 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.
- 8) 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.
- 9) 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.
- 10) 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.
- 11) 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.
- 12) 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.
- 13) 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.

- 14) 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.
- 15) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 16) 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.
- 17) 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.
- 18) 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.
- 19) 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.
- 20) 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.
- 21) 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 PM<sub>10</sub>, 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 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.
- 23) 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.
- 24) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 25) Description of water conservation measures proposed to be adopted in the Project should be given.
- 26) Details of rainwater harvesting proposed in the Project, if any, should be provided.
- 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.
- 29) 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.
- 30) 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.
- 31) 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.
- 32) 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.
- 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 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.
- 34) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 35) 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.
- 36) 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.
- 37) 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.
- 38) 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.
- 39) 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.
- 40) 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.
- 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 the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 43) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 44) 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.
- 45) 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.