

Minutes of 715th SEAC-2 Meeting Dated 06/01/2023

The 715th meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 06/01/2023. Following members participated in the meeting:

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

The Chairman welcomed the members to the 715th 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. Nodal Officer, SEAC-2 placed the agenda items along with the available file and documents before the SEAC-2.

1. Expansion of Integrated Paint Plant at Plot No.-B4 & B5 Sandila Industrial Area, District-Hardoi, Shri Dipankar Nag, M/s Berger Paints India Ltd. File No. 7415/6477/ Proposal No. SIA/UP/IND3/408462/2022

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 Kadam Environmental Consultants. 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 Expansion of Integrated Paint Plant at Plot No.-B4 & B5 Sandila Industrial Area, District- Hardoi, U.P., U.P., M/s Berger Paints India Ltd.
2. Environmental clearance for the existing plant was issued by SEIAA, U.P. vide letter no. 96/Parya/SEIAA/4604/2019, dated 29/05/2020.
3. Certified compliance report for the existing proposal was issued by IRO, MoEFCC, Lucknow vide letter no. VII/Env/SCL-UP/2474/244 Dated 08/09/2022 and action taken report against 2 nos. of partly complied EC conditions has been submitted to IRO MoEFCC on 09/09/2022.
4. The standard terms of reference for the expansion project was issued through online Parivesh Portal on 11/08/2021.
5. Salient features of the project:

S. No.	Item	Details	
1.	Brief Description about Project	Berger Paints India Limited, proposed Brownfield Project is for Expansion of Integrated Paint Manufacturing Unit in Plot No B4 & B5, Sandila Industrial Area, District Hardoi, Uttar Pradesh	
2.	Proposed Production (Name and Capacity)		
3.	Location	Village	Som
		Taluka	Sandila
		District	Hardoi
		State	Uttar Pradesh
		The project is located in Sandila Industrial area	
4.	Total Area of Plot	1,45,407 sqm	
5.	Greenbelt Area	48010 sqm	

6.	Sources of Air & Noise Pollution	5 D.G. Sets (4 x 1500 kVA + 1 x 250 kVA) Steam Boiler, Thermic Fluid heater
7.	Total Project Cost	INR ~ 400 Crore
8.	EMP Cost	INR 15.9 Crore (Capital Cost) INR 0.585 Crore (Recurring Cost)
9.	CER Cost	INR 3 Crore (five years)
10.	Manpower	Construction: 1500 Nos. Operation: 350 persons Nos.
11.	Water Consumption/day	Total Consumption: 836 KLD ; Fresh water consumption: 836 KLD
12.	Waste water generation/day	Total: 159 KLD Domestic: 11 KLD Industrial: 148 KLD
13.	Source of water	Ground water
14.	Permission from CGWA or any other agency	Permission obtained for 840 KLD from UPGWD
15.	Treatment Facility	Primary, Secondary, Tertiary ETP (Capacity: 170 KLD) with STP (Capacity: 30 KLD) Handling & ZLD system
16.	Mode of Discharge	ZLD along with RO, MEE/MVR and ATFD System & treated Domestic waste water will be used for gardening
17.	Energy Consumption	Peak Demand: ~ 5140 KVA and no additional power required
18.	Kind of Fuel	HSD/Biomass
19.	Solid / Hazardous Waste Management	Hazardous solid wastes like ETP Sludge, residue, process waste, Spent Solvent, will be collected in bags/barrels and will be sent to TSDF/authorized recycler/co-processor. Used/spent oil, and discarded Container/drum will be stored at designated area in the plant and will be sent to authorized recycler. Solid wastes like wooden, MS scrap; plastic & Gunny bags, paper bags and miscellaneous garbage will be collected in scrap yard and will be sent to authorized recyclers.
20.	Rain water Harvesting	Rainwater will be harvested in the storage tanks build with capacity to store Maximum rooftop water which will be collected and further reused inside the plant for gardening/plant operations
21.	Safety	State of art firefighting system is being installed with Fire Hydrant, Hose Reel, Automatic Fire Detection and Protection, Foam & Water Sprinkler, Water cum Foam monitor etc

6. Area breakup of the project:

S. No.	Title	Area, m ²	% of total Area
1	Process area	72032.5	49.53
2	Storage area	9690.59	6.66
3	Waste water treatment plant (ETP & STP)	1600	1.1
4	Utilities	7825.39	5.38
5	Admin Building, security cabin	1206.5	0.83
6	Greenbelt area	48010	33.01
7	Open Area	5042	3.47
Total		Total	145407

7. Product details:

S. No.	Name of Products	Production capacity			
		Unit	Existing	Additional	Total
1	Water Based Paints	KL/MT/Annum	1,32,000	48000	1,80,000
2	Solvent based paints	KL/Annum	69,000	-	69,000
3	Powder Putty	MT/ Annum	60,000	24,000	84,000
4	Emulsion for Water Base Paints	MT/ Annum	60,000	12,000	72,000
5	Resin for Liquid Solvent Base Paints	MT/ Annum	48,000	-	48,000

8. Water consumption details for Existing and Proposed Unit:

Sr. No.	Description	Existing Water Consumption	Proposed Additional Water	Total water Consumption (KLD)	Remarks
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		(KLD)	Consumption (KLD)		
1	Softener Regeneration	13	12	25	
2	Process (Water Base Plant)	132	162	294	
3	Process (Construction chemicals)	0	66	66	
4	Reactor & Blender Washing (Emulsion & Resin Plant)	4	1	5	
5	Equipment washing (Water Base Plant)	6	2	8	Reused water
6	Boiler	18	0	18	
7	Cooling Tower	316	0	198	The overall consumption has decreased due to use of efficient and smart cooling tower
8	HVAC & Chilling Plant	66	0	9	The overall consumption has decreased as instead of mechanical HVAC system, we are going for natural ventilation system and will use efficient Chilling Plants
9	DM Water regeneration	5	34	39	
10	Process(Emulsion) – DM Water	125	32	157	
11	Process (Resin Plant)	0	0	0	
12	Washing (QA Lab and Storage tank)	4	2	6	
13	Scrubber	1	0	1	
14	Floor Washing & Dust Suppression	3	0	3	Reused water
15	Fire Fighting	1	0	1	Reused water
16	Domestic	8	10	18	
17	Gardening	130	17	147	Partly reused water
18	Total Water Consumption	832	338	995	
19	Recycled water from recycling ETP & STP	113	58	159	
20	Fresh Water Consumption	719	275	836	

9. Wastewater Generation from Existing and Proposed Unit:

Sr. No.	Description	Existing Wastewater Generation (KLD)	Proposed wastewater generation (KLD)	Total wastewater Generation (KLD)	Effluent Treatment and Disposal Facility
1	Softener Regeneration	13	12	25	Effluent to be treated in ETP and treated water will be reused in plant
2	Process (Water Base Plant)	0	0	0	
3	Process (Construction chemicals)	0	0	0	
4	Reaction Washing (Emulsion Plant and Resin Plant)	4	1	5	
5	Equipment washing (Water Base Plant)	6	2	8	
6	Boiler	1	0	1	
7	Cooling Tower	41	0	26	

8	HVAC & Chilling Plant	1	0	1	
9	DM Plant Rejection	5	34	39	
10	Process(Emulsion)	25	7	32	
11	Process (Resin Plant)	7	0	4	
12	Washing (QA Lab and Storage tank)	4	2	6	
13	Scrubber	1	0	1	
14	Floor Washing & Dust Suppression	0	0	0	
15	Fire Fighting	0	0	0	
16	Domestic	5	0	11	
17	Gardening	0	0	0	Sewage to be treated in STP and treated water reuse for gardening
18	Recycled water from recycling ETP & STP	113	58	159	

10. Green belt development plan:

S. No	Work or Activity	1 st year	2 nd Year	3 rd Year	4 th Year	5 th Year	Capital cost (INR)	Recurring cost/year (INR) (considering 20% mortality rate)
1	Proposed plantation within Project boundary, totally 7, 185 saplings will be planted (Approx. Cost @ INR 100 per sapling / plant)							
	Saplings Required	1437	1437	1437	1437	1437	7,18,500/-	71,850
	Amount	143700	143700	143700	143700	143700		
2	Maintenance of Greenbelt within project premises includes periphery plantation, road side plantation and plantation around various buildings, totally 7,185 trees							20,000 (approx.)
Total Budget					7,18,500/-		91,850	

11. The project proposal falls under category-5(h) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 13/09/2022 mentioning is as follows:

1. I, Sameer Ashok Kadam, S/o Sri Ashok Kadam is EIA Coordinator of Kadam Environmental Consultants.
2. I have prepared the EIA/EMP report for the Proposal in name of Kadam Environmental Consultants 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 Parivesh Portal. In case the project is being uploaded for the second time that is only after the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh 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 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 alongwith standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:

Additional Conditions:

1. Plantation should be done as per Miyawaki method i.e. planting different types of trees at very close intervals which give a good green cover. A total of 33% of the plot area should be designated for green belt which should be raised along the boundaries of the plot with minimum of 03 mt width along the periphery in organized manner. Existing plantation and proposed plantation report to be submitted
2. Project proponent is advised to explore the possibility and getting the cement in container rather through the plastic bag.
3. Project proponent should ensure that there will be no use of “Single use of Plastic” (SUP) and submit the compliance report regularly.
4. Project proponent should adhere to the compliance for expansion as per the plan submitted to the committee and also comply the CSR/EMP compliance in time bound manner.
5. Proponent should submit compliance of Environmental clearance conditions regularly as per the MoEF EIA notification 2006 (as amended) to the concerned authority and Directorate of Environment Lucknow, UP along with the existing plant EC which was issued by SEIAA, U.P. vide letter no. 96/Parya/SEIAA/4604/2019, dated 29/05/2020.
6. Plan for temporary storage facility for hazardous waste and the captive facility for treatment and disposal in its industrial unit to be incorporated. The location and area of the facility in the layout plan to be allocated for proper disposal of hazardous waste.
7. Plan for conservation of water and to replenish ground water resources of area, rainwater harvesting system as well as recharging system to be prepared and adopted..
8. Plan for dual pipeline network in the project for utilisation of treated water of STP and CETP for different purposes and also adopt the monitoring mechanism for the same.

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

1. **Statutory compliance:**
 1. 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.
 2. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 3. 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 species in the study area).
 4. 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.
 5. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
 6. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to

time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989

2. Air quality monitoring and preservation:

1. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2s in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
4. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and /or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
5. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
6. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July , 2010 and amended from time to time shall be followed.
7. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.

3. Water quality monitoring and preservation:

1. The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD)
2. As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).
3. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
4. Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
5. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
6. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
7. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations

and the guidelines in this regard.

4. Noise monitoring and prevention :

1. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
2. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
3. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during nighttime

5. Energy Conservation measures:

1. The energy sources for lighting purposes shall preferably be LED based.

6. Waste management:

1. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
2. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
3. The company shall undertake waste minimization measures as below:-
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - c. Use of automated filling to minimize spillage.
 - d. Use of Close Feed system into batch reactors.
 - e. Venting equipment through vapour recovery system.
 - f. Use of high pressure hoses for equipment clearing to reduce wastewater generation

7. Green Belt:

1. The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.

8. Safety, public hearing and human health issues:

1. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
3. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
4. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
5. 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.
6. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

7. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places
9. **Corporate Environment Responsibility:**
 1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F. No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
 2. The company shall have a well laid down environmental policy duly approved 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.
 3. 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.
 4. 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.
 5. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
10. **Miscellaneous:**
 1. 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.
 2. 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.
 3. 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.
 4. The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (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.
 5. 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.
 6. 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.

7. The project proponent shall inform the Regional Office as well as the Min is try, 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.
8. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
9. 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.
10. 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).
11. 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.
12. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
13. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
14. 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.
15. 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.
16. 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. Proposed “Ordinary Soil Excavation” Project at Gata No.–6 in the Village- Sardar Nagar, Tehsil-Sadar & District- Moradabad, Uttar Pradesh. Shri Sayab Husain, Area: 4.00 Ha. File No. 7423/ Proposal No. SIA/UP/MIN/409472/2022

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 Ind Tech House Consult. 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 Ordinary Soil Excavation” Project at Gata No.–6, Village-Sardar Nagar, Tehsil & District-Moradabad, Uttar Pradesh, (Leased Area:4.00 Ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On Line Proposal No.	SIA/UP/MIN/409472/2022
2.	File No. allotted by SEIAA, UP	7423
3.	Name of Proponent	Shri Sayab Husain S/o Shri Abrar Husain
4.	Full correspondence address of proponent and mobile no.	R/o H. No- A260, EktaVihar Colony PO-Bhaisiya, Tehsil & District-Moradabad U.P.
5.	Name of Project	Proposed Ordinary Soil Excavation” Project named Shri. Sayab Husain at Gata No.–6 in the Village-Sardar Nagar, Tehsil & District-Moradabad, Uttar Pradesh Area:4.00 Ha.
6.	Project Location (Plot.Khsra/Gata No.)	Gata No.- 6
7.	Name of Village	Sardar Nagar
8.	Tehsil	Moradabad

9.	District	Moradabad	
10.	Name of Minor Mineral	Ordinary Soil	
11.	Sanctioned Lease Area (in Ha.)	4.00 Ha	
12.	Max. & Min mRL within lease area	202.00 mRL & 200.00mRL	
13.	Pillar Coordinates (Verified by DMO)	GATA NO.	6
		A	28°55'24.87"N 78°51'47.66"E
		B	28°55'27.43"N 78°51'51.93"E
		C	28°55'25.53"N 78°51'53.61"E
		D	28°55'26.14"N 78°51'54.70"E
		E	28°55'21.25"N 78°51'58.55"E
		F	28°55'18.55"N 78°51'54.26"E
14.	Total Geological Reserves	84,000 m ³	
15.	Total Mineable Reserve	68400 m ³	
16.	Proposed Production	29,000 m ³ / 6 months	
17.	Sanctioned Period of Mine lease	6 months	
18.	Method of Mining	Open cast Manual / Semi Mechanized Mining Method	
19.	No. of working days	180 Days	
20.	Working hours/day	8 Hours	
21.	No. of workers	14 workers	
22.	No. of vehicles movement/day	18 Trucks / Day	
23.	Type of Land	Pvt. Land (Uneven Agricultural Land)	
24.	Ultimate of Depth of Mining	2.1 m	
25.	Nearest metalled road from site	1.0 Km	
26.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	0.14
		Suppression of dust	0.90
		Plantation	0.05
		Others (if any)	-
		Total	1.09 KLD
27.	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult Certificate No- NABET/EIA/2023/SA 0174/Rev .01 Period of Validity- 29-04-2023	
28.	Any litigation pending against the project or land in any court	No	
29.	Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No 486/Khanij/2022, Date-17.11.2022	
30.	Proposed EMP cost	2.08 Lakhs	
31.	Proposed total Project cost	19.26 Lakhs	
32.	Length and breadth of Haul Road	150 mtr Length & 6m width haulage road	
33.	No. of Trees to be Planted	25 Trees	

- 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 05/01/2023 mentioning is as follows:

- I, Umesh Pratap Singh Chauhan, S/o Late Surya Pal Singh Chauhan is EIA Coordinator of M/s Ind Tech House Consult.

2. I have prepared EMP report for the project name : Sayab Husain, Ordinary Soil Excavation” Project at Gata No.–6, Village-Sardar Nagar, Tehsil & District-Moradabad, Uttar Pradesh, (Leased Area:4.00 Ha.) 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 submitted along with application/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. The EMP report for the proposal is prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 02

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-2 to these minutes.

3. Building Stone (Khanda, Boulder, Gitty) Sandstone mine at Arajai No. /Plot No. Gata No-680, 677,671 , at Village – Sikikalan, Tehsil- Meja, District- Prayagraj,U.P., Shri Suresh Kumar Yadav, Area- 4.048 Ha. File No. 7424/ Proposal No. SIA/UP/MIN/409532/2022

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 terms of reference is sought for Building Stone (Khanda, Boulder, Gitty) Sandstone mine at Arajai No. /Plot No. Gata No- 680, 677, 671, Village – Sikikalan, Tehsil- Meja, District- Prayagraj, Uttar Pradesh, (Leased Area- 4.048 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/409532/2022
2.	File No. allotted by SEIAA, UP	7424
3.	Name of Proponent	Shri Suresh Kumar Yadav S/o Shri Mahaveer Prasad Yadav
4.	Full correspondence address of proponent and mobile no.	Visahijan Kalan, Mejaroad
		Tehsil- Meja, District – Prayagraj U.P.- 212303
		Mobile no. – 9956336811
		E mail ID - yadavstone2022@gmail.com
5.	Name of Project	Building Stone (Khanda, Boulder, Gitty) Sandstone mine at Arajai No. /Plot No. Gata No- 680, 677,671 Area- 4.048 ha at Village – Sikikalan, Tehsil- Meja, District- Prayagraj, Uttar Pradesh of Shri Suresh Kumar Yadav
6.	Project Location (Plot. Khasra/Gata No.)	Gata No- 680, 677,671
7.	Name of River	NA
8.	Name of Village	Sikikalan
9.	Tehsil	Meja
10.	District	Prayagraj
11.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Gitty) Sandstone mine
12.	Sanctioned Lease Area (in Ha.)	4.048 ha
13.	Max. & Min mRL within lease area	Highest mRL - 131.80 mRL

		Lowest mRL - 127.40 mRL		
14.	Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
		A	25° 07' 21.63"N	82° 04' 37.21"E
		B	25° 07' 12.40"N	82° 04' 53.35"E
		C	25° 07' 10.07"N	82° 04' 52.13"E
		D	25° 07' 19.98"N	82° 04' 35.87"E
15.	Total Geological Reserves	12,11,880 m ³		
16.	Total Mineable Reserve	4,26,612 m ³		
17.	Total Proposed Production	2,02,400 m ³ (5 years)		
18.	Proposed Production /year (as per LoI)	40,480 m ³		
19.	Sanctioned Period of Mine lease	Plan Period 5 years		
20.	Method of Mining	Opencast, Semi-mechanized method		
21.	No. of worker	48		
22.	Type of Land	Govt./Non Forest Land		
23.	Depth of Mining	9.0 m		
24.	Nearest metalled road from site	0.20 km		
25.	Water Requirement	PURPOSE		
		Drinking - 0.48 KLD		
		Suppression of dust - 2.40 KLD		
		Plantation - 5.0 KLD		
		Others (if any) - 0.00 KLD		
		Total - 7.88 ~ 8.0KLD		
26.	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		
27.	Any litigation pending against the project or land in any court	No		
28.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 1473/Khanij/2022-23, dated 27.08.2022		
29.	Details of Lease Area in approved DSR	Serial no. 308,309,310, Page no. 36		
30.	Project Cost	1.50 Crore		
31.	Proposed CER cost	3.0 Lacs		
32.	Length and breadth of Haul Road	Length – 0.20 km, Breadth – 6.00 m		
33.	No. of Trees to be Planted	5,000		

- 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 05/01/2023 mentioning is as follows:

- I Pankaj Srivastava S/o Shri V. V. Srivastava is EIA Coordinator of Paramarsh servicing Environment and Development.
- I have prepared ToR application along with Form 1, Pre-feasibility Report for the Proposed Building Stone (Khanda, Boulder, Gitty) Sandstone mine at Araj No. /Plot No. Gata No- 680, 677,671 Area- 4.048 ha at Village – Sikikalan, Tehsil- Meja, District- Prayagraj, Uttar Pradesh of Shri Suresh Kumar Yadav, Proposal number: Proposal No. SIA/UP/MIN/409532/2022 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. 03

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-3 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in for of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. 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.
2. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
3. EIA coordinator & FAE should give a photo 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.
4. Combined KML of all mines in a cluster should be submitted at the time of EIA.
5. 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.
6. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
7. 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.
8. 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.
9. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
10. 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.
11. 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.
12. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
13. Photographs of site with demarcation (pillar) to be present at the time of EIA presentation.

4. “Building stone (Sandstone)” Project at Arazi No.-428, Village– Dhuria, Tehsil-Chunar, District–Mirzapur, M/s Maurya Stone Works, Shri Arvind Kumar, Area- 2.02 ha. File No. 7433/7085/ Proposal No. SIA/UP/MIN/409902/2022

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 AWS Envirotech (OPC) 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 Building Stone (Sandstone) Mining at Arazi/Gata no.- 428, Village-Dhuria, Tehsil-Chunar, District-Mirzapur, U.P., (Leased Area-2.02 ha.) M/s Maurya Stone Works.
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 137/ Parya/SEIAA/ 7085 /2022, dated 15/07/2022.
3. The Public Hearing was organized on 14/10/2022. Final EIA Report was submitted by the Project Proponent on 08/12/2022.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/409902/2022															
2.	File No. allotted by SEIAA, UP	7433/7085															
3.	Name of Proponent	M/s Maurya Stone Works (Shri Arvind Kumar)															
4.	Full correspondence address of proponent and mobile no.	M/s Maurya Stone Works (Shri Arvind Kumar) R/o Koiran Bazar, Ahraura, Chunar, Mirzapur. Mobile no.- E-mail Id- mauryastoneworks5418@gmail.com															
5.	Name of Project	Building Stone (Sandstone) Mining Village –Dhuria, Tehsil- Chunar, District–Mirzapur, Uttar Pradesh															
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. – 428, Village –Dhuria, Tehsil-Chunar, District–Mirzapur, Uttar Pradesh															
7.	Name of River	NA															
8.	Name of Village	Dhuria															
9.	Tehsil	Chunar															
10.	District	Mirzapur															
11.	Name of Minor Mineral	Building Stone (Sandstone)															
12.	Sanctioned Lease Area (in Ha.)	2.02 ha.															
13.	Max. & Min mRL within lease area	Highest mRL is 112.6 & Lowest is 107.8 mRL															
14.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillars</th><th>N</th><th>E</th></tr> </thead> <tbody> <tr> <td>A</td><td>25° 02'39.20"N</td><td>83°02'45.40"E</td></tr> <tr> <td>B</td><td>25° 02'39.70"N</td><td>83°02'51.30"E</td></tr> <tr> <td>C</td><td>25° 02'35.60"N</td><td>83°02'51.00"E</td></tr> <tr> <td>D</td><td>25° 02'35.10"N</td><td>83°02'45.50"E</td></tr> </tbody> </table>	Pillars	N	E	A	25° 02'39.20"N	83°02'45.40"E	B	25° 02'39.70"N	83°02'51.30"E	C	25° 02'35.60"N	83°02'51.00"E	D	25° 02'35.10"N	83°02'45.50"E
Pillars	N	E															
A	25° 02'39.20"N	83°02'45.40"E															
B	25° 02'39.70"N	83°02'51.30"E															
C	25° 02'35.60"N	83°02'51.00"E															
D	25° 02'35.10"N	83°02'45.50"E															
15.	Total Geological Reserves	1035468 m ³															
16.	Total Mineable Reserve (as per Approved Mine Plan)	483180 m ³															
17.	Total Proposed Production (In 5 Years)	303000 m ³ (In 5 Years)															
18.	Proposed Production/year	60600 m ³ /year															
19.	Sanctioned Period of Mine lease	10 years															
20.	Method of Mining	Opencast, Semi-Mechanized															
21.	No. of working days	300															
22.	Working hours/day	8															
23.	No. of worker	52															
24.	No. of vehicles movement/day	21															
25.	Type of Land	Govt. land															

26.	Ultimate of Depth of Mining	Upto 76 mRL	
27.	Nearest metalled road from site	530m	
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	0.52 KLD
		Suppression of dust	2.12 KLD
		Plantation	4.0 KLD
		Others (if any)	-
		Total	6.64 KLD
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s AWS Envirotech (OPC) Pvt. Ltd 2 nd floor Devpuri plaza, Neelgiri crossing, Faizabad road, Indranagar , Lucknow-226016, U.P. Certificate no. NABET/EIA/2225/IA 0097 (Rev.01) Valid Till July 14,2025	
30.	Any litigation pending against the project or land in any court	No	
31.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 3665/khanij/ 2022	
32.	Details of Lease Area in approved DSR	2.02 ha.	
33.	Proposed CER cost	Rs.3.84 Lakhs	
34.	Proposed EMP cost	Total project cost- Rs. 1.92 Crore, Capital Amount- 8.5 Lakhs & Recurring Amount – 4.0 Lakhs	
35.	Length and breadth of Haul Road	530m & 6m	
36.	No. of Trees to be Planted	2000	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 25/11/2022 mentioning is as follows:

1. I, Sandeep Kumar, S/o Sri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared the EIA report for the proposal Building Stone (Sandstone) Mining at Araj/Gata no.- 428, Village-Dhuria, Tehsil-Chunar, District-Mirzapur, U.P., (Leased Area-2.02 ha.) M/s Maurya Stone Works 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 submitted along with EIA/EMP application 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 guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 04

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 specific conditions:

1. The environmental clearance will be co-terminus with mining plan. Activity will only be allowed when the proponent would submit a landuse/ land cover map of latest satellite data(not more than 1 year old) to be mapped on 1:1000/1:2500 scale of the the proposed site and with the periphery of 10 kms.
2. The project proponent shall install solar light in their site office.
3. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs and videography all around the mine area surface and bottom of mine should also be annexed along with the compliance report.
4. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer and proof of photograph to be submitted to the concerned department.
5. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P. Also a good quality of fencing to be made before the start of mining activity and all around the periphery of mine to avoid any kind of accident for cattle and human. Photograph to be submittet to time to time as a proof with compliance report.
6. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State ground water department and State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
10. 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.
11. 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.
12. The project proponent should explore the possibilities of rainwater harvesting.
13. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
14. 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.
15. 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

5. "Ordinary earth mine" Khasra / Gata no.- 347 & 365, Village- Jata, Tehsil- Nawabganj, District-Barabanki, Shri Ramu, Area- 0.897 ha. File No. 7435/ Proposal No. SIA/UP/MIN/409796/2022

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 AWS Envirotech (OPC) 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 Ordinary Earth Mining at Araji/Gata No.- 347 & 365, Village- Jata, Tehsil- Nawabganj, District- Barabanki, U.P., (Leased Area- 0.897 ha.)
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/409796/2022		
2.	File No. allotted by SEIAA, UP	7435		
3.	Name of Proponent	Sri Ramu		
4.	Full correspondence address of proponent and mobile no.	Sri Ramu S/o Hardev R/o Anaura Kala, Chinhat, Lucknow, Uttar Pradesh E-mail Id- ramu541818@gmail.com		
5.	Name of Project	Ordinary Earth Mining Village- Jata, Tehsil- Nawabganj, District- Barabanki, Uttar Pradesh		
6.	Project Location (Plot.Khasra/Gata No.)	Gata No.- 347 & 365,Village- Jata, Tehsil- Nawabganj, District- Barabanki, Uttar Pradesh		
7.	Name of River	NA		
8.	Name of Village	Jata		
9.	Tehsil	Nawabganj		
10.	District	Barabanki		
11.	Name of Minor Mineral	Ordinary earth		
12.	Sanctioned Lease Area (in Ha.)	0.897 ha.		
13.	Max. & Min mRL within lease area	Highest- 112 mRL & Lowest- 111 mRL		
14.	Pillar Coordinates (Verified by DMO)	Plot No	Pillar	Latitude Longitude
		365	A	26°50'14.06"N 81° 8'18.06"E
			B	26°50'12.15"N 81° 8'20.89"E
			C	26°50'9.86"N 81° 8'18.77"E
			D	26°50'11.68"N 81° 8'16.30"E
		347	A	26°50'9.94"N 81° 8'27.28"E
			B	26°50'9.60"N 81° 8'28.14"E
			C	26°50'8.94"N 81° 8'27.72"E
			D	26°50'9.18"N 81° 8'26.87"E
15.	Total Geological Reserves	19,734 m ³		
16.	Total Mineable Reserve (as per Approved Mine Plan)	16,872 m ³		
17.	Total Proposed Production	16,500 m ³ (for 3 months)		
18.	Proposed Production (In 3 months)	16,500 m ³ (for 3 months)		
19.	Sanctioned Period of Mine lease	03 months		
20.	Method of Mining	Opencast, Semi		
21.	No. of working days	90		
22.	Working hours/day	8		
23.	No. of worker	15		
24.	No. of vehicles movement/day	19		
25.	Type of Land	Private land		
26.	Ultimate of Depth of Mining	2.2m		
27.	Nearest metalled road from site	400 m		
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	

		Drinking	0.15 KLD
		Suppression of dust	2.6 KLD
		Plantation	0.1 KLD
		Total	2.85 KLD
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s AWS Envirotech (OPC) Pvt. Ltd 2 nd floor Devpuri plaza, Neelgiri crossing, Faizabad road, Indranagar , Lucknow-226016, U.P. Certificate no. NABET/EIA/2225/IA 0097 (Rev.01) Valid Till July 14, 2025	
30.	Any litigation pending against the project or land in any court	No	
31.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no.- 434 AJA-II Dated- 14.11.2022	
32.	Details of Lease Area in approved DSR	0.897 ha.	
33.	Proposed CER cost	Rs 12,000	
34.	Proposed EMP cost	Total project cost- Rs 6.0 Lakhs, EMP Cost- Rs. 98,300/-	
35.	Length and breadth of Haul Road	400 m	
36.	No. of Trees to be Planted	50	

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 25/11/2022 mentioning is as follows:

1. I, Sandeep Kumar, S/o Sri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared the EC application report for the proposal Ordinary Earth Mining at Arajji/Gata No.- 347 & 365, Village- Jata, Tehsil- Nawabganj, District- Barabanki, U.P., (Leased Area- 0.897 ha.) 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 submitted along with EC application 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. The EMP report for the proposal is prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 05

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-2 to these minutes.

6. **River Bed Sand Mine Project at Gata No.- 01 Kha, 277, Khand No.-02, Village- Teharka, Tehsil-Garautha, District- Jhansi, U.P., M/s Shiv Corporation (India)Ltd., Shri Jitendra Singh,Area: 13.0 ha. File No. 5671/ Proposal No. SIA/UP/MIN/53372/2020**

RESOLUTION AGAINST AGENDA NO. 06

The project proponent/consultant did not appear. The committee discussed and deliberated that the project file should be closed and 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.

7. **"Ordinary Earth" at Gata No.- 78, 129, 510, 8, 325, 40, Village- Angrasi, Tehsil & District- Sitapur, U.P.,M/s Ramraj Construction, Smt. Geeta Shukla, Area-2.0170 Ha. File No. 6505/ Proposal No. SIA/UP/MIN/223886/2021**

The committee noted that the matter was earlier discussed in 585th SEAC meeting dated 25/10/2021 and directed the project proponent to submit following information:

1. NOC from concerned Bank.
2. Mine closure plan.
3. Chronology of court case status after 2017.
4. Detailed plantation plan with identification of green belt, type and number of plants/trees along with their location.

The project proponent submitted their replies through online Parivesh Portal on 15/12/2022 and the matter was listed for reply presentation in 714th SEAC meeting dated 06/01/2023. The project proponent also submit a letter dated 15/12/2022 through which they have informed that due to some unavoidable reasons they have changed their environment consultant from M/s Epsilon Projects Pvt. Ltd., Lucknow to M/s P & M Solution, Add-C-88, Sector-65, Noida-201301 and in future all the matter related to Environmental Clearance of the project shall be handled by M/s P&M Solutions.

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 P and M Solution. 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 "Ordinary Earth" at Gata No.- 78, 129, 510, 8, 325, 40, Village- Angrasi, Tehsil & District- Sitapur, U.P., (Leased Area-2.0170 Ha.), M/s Ramraj Construction.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	Proposal No. SIA/UP/MIN/ 223886/2021
2.	File No. allotted by SEIAA, UP	6505
3.	Name of Proponent & address	M/s Ramraj Construction, Prop. Smt. Geeta Shukla w/o Shri Vimlesh Shukla, R/o-Ranikothi, District-Sitapur, Uttar Pradesh
4.	Email ID	Email ID: ramrajsitapur2021@gmail.com
5.	Name of Project	Environmental Clearance of proposed Ordinary soil excavation form Gata No.-78, 129, 510, 8, 325, 40, Village- Angrasi, Tehsil & District-Sitapur, Uttar Pradesh. Area-2.0170 ha
6.	Project Location (Plot. Khasra/Gata No.)	Gata No.-78, 129, 510, 8, 325, 40
7.	Name of River	NA
8.	Name of Village	Angrasi
9.	Tehsil	Sitapur
10.	District	Sitapur
11.	Name of Minor Mineral	Ordinary Soil mining

12.	Sanctioned Lease Area (in ha.)	Area - 2.0170 ha			
13.	Max. & Min. mRL within lease area	Highest mRL – 140.0 mRL Lowest mRL – 139.0 mRL			
14.	Pillar Coordinates (Verified by DMO)	Gata	Pillar	Latitude	Longitude
		78	A	27°37'30.89"N	80°40'12.44"E
			B	27°37'30.55"N	80°40'10.76"E
			C	27°37'32.70"N	80°40'12.48"E
			D	27°37'32.08"N	80°40'13.64"E
		129	A	27°37'25.54"N	80°40'10.82"E
			B	27°37'26.53"N	80°40'9.20"E
			C	27°37'27.60"N	80°40'10.21"E
			D	27°37'26.67"N	80°40'11.84"E
		510	A	27°37'42.17"N	80°40'27.27"E
			B	27°37'42.84"N	80°40'26.48"E
			C	27°37'43.44"N	80°40'27.18"E
			D	27°37'42.87"N	80°40'27.96"E
		8	A	27°37'51.28"N	80°40'20.67"E
			B	27°37'51.92"N	80°40'19.71"E
			C	27°37'53.15"N	80°40'20.31"E
			D	27°37'52.40"N	80°40'21.60"E
		325	A	27°37'24.51"N	80°40'48.15"E
			B	27°37'28.71"N	80°40'46.19"E
			C	27°37'28.74"N	80°40'49.38"E
			D	27°37'26.58"N	80°40'50.12"E
		40	A	27°37'34.44"N	80°40'20.52"E
			B	27°37'35.93"N	80°40'18.38"E
			C	27°37'36.39"N	80°40'19.08"E
			D	27°37'35.03"N	80°40'21.04"E
15.	Total Geological Reserves	50,425 m ³			
16.	Total Mineable Reserve	40,384.55 m ³			
17.	Total Proposed Production	40,384 m ³ (3.0 months)			
18.	Proposed Production /year (as per LoI)	40,384 m ³ (3.0 months)			
19.	Sanctioned Period of Mine lease	Plan Period (6.0 months)			
20.	Method of Mining	Opencast semi-mechanized			
21.	No. of vehicles movement/day	25			
22.	Type of Land	Private Individual			
23.	Depth of Mining	2.50 m			
24.	Nearest metalled road from site	0.20 km			
25.	Water Requirement	PURPOSE			
		Drinking - 0.15 KLD			
		Suppression of dust - 1.78 KLD			
		Plantation - 1.60 KLD			
		Others (if any) - 0.00 KLD			
		Total -3.53 KLD			
26.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s P and M Solution NABET/EIA/1922/IA0053, Valid till –10 DEC. 2022			
27.	Any litigation pending against the project or land in any court	No			
28.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No-3563/ Khanan/Sitapur/2020-21 Dated 05/12/2020			
29.	Details of Lease Area in approved DSR	Ordinary Soil Mining			
30.	Project Cost	15.0 Lacs			
31.	Proposed CER cost	30,000/-			
32.	Length and breadth of Haul Road	Length – 0.20 km, Breadth – 6.00 m			

33.	No. of Trees to be Planted	903 (per mine approx. 150)
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3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO. 07

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-2 to these minutes.

8. Building stone, Khanda, Boulder ,Gitti Mining Project” at Gata No: 1498, Pahra, Tehsil: Sadar, District: Mahoba,U.P., Shri Shiv Vijay Singh Area: 2.0243 Ha. File No. 6460/ Proposal No. SIA/UP/MIN/65908/2021

The committee noted that the matter was earlier discussed in 682nd SEAC meeting dated 06/09/2022 wherein:

“The committee noted that the matter was earlier listed in 644th SEAC meeting dated 17/06/2022 and decided is as follows:

“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 Globus Environment Engineering Services. The committee observed that the monitoring data submitted by the project proponent/consultant is doubtful. Hence, the committee opined that the monitoring data requires validation from Government Department/institutes such as UPPCB, ITRC, IITs. Hence, the committee has requested SEIAA to go through the monitoring data and do the needful.

The matter shall be discussed after receipt of the above information from UPPCB.”

The project proponent submitted their replies through online Parivesh portal on 29/07/2022 and the matter was listed in 682nd SEAC meeting dated 06/09/2022. The committee went through the file and documents and observed that the query raised by SEAC-2 in its meeting dated 17/06/2022 is not complied. Hence, the committee requested the SEIAA to send a letter to UPPCB, Lucknow regarding validation of monitoring data submitted by the project proponent/consultant.”

The project proponent submitted their replies through online Parivesh Portal on 05/01/2023 and the matter was listed for reply presentation in 714th SEAC meeting dated 06/01/2023. 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 Parivesh Environmental Engineering Services. 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 Building stone, Khanda, Boulder ,Gitti Mining Project” at Gata No: 1498, Pahra, Tehsil: Sadar, District: Mahoba,U.P., Shri Shiv Vijay Singh(Leased Area 2.0243 ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 323/Parya/SEIAA/6460/2021, dated 24/11/2021.

3. The Public Hearing was organized on 12/04/2022. Final EIA Report was submitted by the Project Proponent on 31/05/2022.

4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/65908/2021		
2. File No. allotted by SEIAA,UP	6460		
3. Name of Proponent	Shri Shiv Vijay Singh S/o Shri Nawab Singh		
4. Full correspondence address of proponent and mobile no.	R/o Gram- Pahra,Tehsil & District: Mahoba, U.P. Pin Code- 210427		
5. Name of Project	Khandas-Boulder /Gitti-Ballast Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Gata No.1498		
7. Name of River	-		
8.Name of Village	Pahra		
9. Tehsil	Sadar		
10.District	Mahoba, U.P.		
11. Name of Minor Mineral	Khandas-Boulder /Gitti-Ballast		
12. Sanctioned Lease Area (in Ha.)	Total Lease Area: 5 Acre (2.0243 Ha)		
13. Mineable Area (in Ha.)	5 Acre (2.0243 Ha)		
14. Zero Level mRL	-		
15. Max. & Min mRL within lease area	Highest Point :195mRL Lowest Point :160mRL		
16. Pillar Coordinates (Verified by DMO)	Sanction Lease Area Co-ordinate		
(Source: Verified Khasra Map)	Pillars	Latitude (N)	Longitude (E)
	A	25°21'11.10"N	80° 3'19.80"E
	B	25°21'11.40"N	80° 3'22.40"E
	C	25°21'8.70"N	80° 3'27.50"E
	D	25°21'7.70"N	80° 3'27.40"E
	E	25°21'8.20"N	80° 3'18.70"E
17. Total Geological Reserves (Source: Approved Mining Plan)	11,95,662 m ³		
18. Total Mineable Reserves (Source: Approved Mining Plan)	4,15,206 m ³		
19. Total Proposed Production (in five years)	4,03,500 m ³		
20. Proposed Production/year	80,700 m ³ per annum		
21. Sanctioned Period of Mine lease	10 years		
22. Method of Mining	Opencast, semi-mechanized		
23. No. of Working days	260 Days		
24. Working hours/day	8 -10 hours/day		
25. No. Of Workers	55		
26. No. of vehicles movement/day	22 Units (Assumed Loading Capacity: 40 T/Unit)		
27. Type of Land	State Government Land		
28. Ultimate Depth of Mining	66 m (195 mRL – 129 mRL) (Source: Approved Mining Plan)		
29. Nearest metalled road from site	1068 m		
30.Water Requirement	Purpose	Requirement (KLD)	
	Drinking	0.165	
	Suppression of Dust	14.952	
	Plantation	2.00	
	Total	17.117	
31. Name of QCI Accredited Consultant with QCI No. and period of validity.	Parivesh Environmental Engineering Services Certificate No. NABET/EIA/2124/IA0092, Valid Till November 11/2024		
32. Any litigation pending against the project or hand in any court	No		
33. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section), Mahoba Letter No. 8448/एम. एम. सी 30 Khanij/2020-21, Date -		

	08/03/2021
34. Details of Lease Area in approved DSR	Amendment letter DSR Mahoba: Sr No. 47, Letter No. 6281/एम. सी 30 Khanij/2020-21, दिनांक 27-02-2021
35. Proposed CER Cost	Rs. 3.00 Lakhs (2% of the total Project Cost)
36. Proposed EMP Cost	Rs. 28.16 Lakhs
37. Length and width of Approach Road	Approach Road Length 1068 m & Width 7 m
38. No. of Trees to be Planted	3000 Trees

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

The consultant (EIA Coordinator) also submitted an affidavit dated 05/01/2023 mentioning is as follows:

1. I Vikas Tripathi S/o Late Shri. M.M. Tripathi is EIA Coordinator of M/s Parivesh Environmental Engineering Services, Lucknow, QCI/NABET Certificate No. NABET/EIA/2124/IA 0092 validity till 11th Nov 2024.
2. The present EIA/EMP report earlier belonged to Globus Environment Engineering Services, Lucknow, whereas the Project Proponent changed the consultant because of personal reasons. Intimation of the change of consultant has already been given to the SEAC/SEIAA UP.
3. I and my team have checked the EIA/EMP report and suggested corrections have duly been incorporated within the report for the proposal SIA/UP/MIN/65908/2021 in Name of Shri Shiv Vijay Singh S/o Nawab Singh.
4. 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.
5. I am satisfied that all the necessary data/ information submitted along with Application/ EIA/ EMP are true and correct.
6. I certify that this project proposal has been uploaded for the first time on Parivesh Portal. In case the project is being uploaded for the 2nd time that is only after the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
7. 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.
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. (If and as required)
9. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 08

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 specific conditions:

1. The environmental clearance will be co-terminus with mining plan. Activity will only be allowed when the proponent would submit a landuse/ land cover map of latest satellite data (not more than 1 year old) to be mapped on 1:1000/1:2500 scale of the the proposed site and with the periphery of 10 kms.

2. The project proponent shall install solar light in their site office.
3. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs and videography all around the mine area surface and bottom of mine should also be annexed along with the compliance report.
4. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer and proof of photograph to be submitted to the concern department.
5. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P. Also a good quality of fencing to be made before the start of mining activity and all around the periphery of mine to avoid any kind of accident for cattle and human. Photograph to be submitted time to time as a proof with compliance report.
6. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State ground water department State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
10. 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.
11. 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.
12. The project proponent should explore the possibilities of rainwater harvesting.
13. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
14. 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.
15. 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.

9. Additional Secretary, MoEFCC, GoI, New Delhi, DO letter no. 20/4/2021-HSMD dated 18.10.2022.

RESOLUTION AGAINST AGENDA NO. 09

The committee went through the Additional Secretary, MoEFCC, GoI letter dated 18/10/2022 and opined that the above letter should be circulated to Chairman and Members of SEAC-2 with Member Secretary, SEAC-2 to take it in cognizance.

10. “Sand/Morram Mining” Project at Gata No. 195/1, Village- Bahadurpur Syodha, Tehsil- Banda, District- Banda, U.P. Shri Omprakash Bharadwaj, Area : 14.3850 ha. File No. 7264/6871/Proposal No. SIA/UP/MIN/401585/2022

The Secretariat informed the committee that the matter was earlier discussed in 672nd SEIAA meeting dated 18/11/2022 wherein:

“Hon’ble NGT vide their order dated 06.05.2022 in OA no. 141/2021 (With report dated 31.03.2022) Raj Kumar Vs. State of UP and Others and with OA no. 141/2021 Rajkaran Karn Vs. State of UP and Others, has permitted to carry out RBM mining without having replenishment study till 30.06.2022 in the district of Banda and till 31.12.2022 for all the remaining 74 districts in the State.

Said order of Honorable NGT dated 06.05.2022 was sent to SEAC-1 and SEAC-2 through SEIAA MoM no. 605 dated 18.05.2022 which reads as follows –

“SEIAA noted that Hon’ble NGT in its Order dated 06.05.2022 in OA no. 140/2021 RAJ KUMAR VS STATE OF UTTAR PRADESH has stated that:-

- 11. Accordingly, the ACS, Mining, UP has fairly stated that replenishment study will be conducted prior to auctions in future and with regard to the current leases, ongoing replenishment study will be expedited. In the light thereof, the leases will be renewed, if necessary. Such studies for all Districts in UP will be completed by December 31, 2022 and for Banda by June 30, 2022. She has further stated that the allegation of instream mining will be verified and if found true, the same will be discontinued.*
- 12. In view of above, let the Replenishment studies be completed by credible institutions, following due procedure, in accordance with para 5 of EMSG, 2020. Further, no mining be permitted till replenishment studies are completed beyond the schedule laid down above. The State may ensure that the Regulatory authorities are adequately equipped and capable to assess quantities of mined material. With regard to instream mining, it may be ensured that the machineries permitted or used otherwise comply with "Semi mechanised" mining operations in true sense. In all mining potential districts, environmental damage assessment be carried out and annual assessment reports placed in public domain on the websites of the Mining Department as well as the PCB. Compliance of SSMG, 2016 and EMGSM, 2020 and earlier directions of this Tribunal may be ensured by an effective monitoring mechanism.*

SEIAA opined as follows –

- 1. In future, in all the river bed material mining projects, order given by Honourable NGT be quoted and time line for carrying out mining without replenishment study be limited as per the order.*
- 2. Copy of Honourable NGT order be sent to Director, Directorate of Geology and Mining, GoUP and to all the district magistrates of Uttar Pradesh.*
- 3. Copy of Honourable NGT order be sent to SEAC-1 & SEAC-2 with the direction that this order be discussed in their SEACs and brought to the notice of all the members and in future while examining the proposals, directions given by Honourable NGT should be followed.”*

SEIAA observed that PP / consultant has not submitted replenishment study along with EIA-EMP report for seeking EC. Even then SEAC-1 has recommended to grant EC to this project.

SEIAA opined as follows –

1. In light of Honourable NGT said order and in the absence of replenishment study, recommendation made by SEAC-1 is not tenable.
2. PP / consultant to submit replenishment study, duly approved by DGM, along with EIA-EMP report to SEAC for evaluation.
3. A copy of this MoM, and copy of SEIAA MoM no. 605 dated 18.05.2022 and Honourable NGT said order be again sent to SEAC-1 and SEAC-2 with the direction that these should be discussed in their meetings and deliberations be duly recorded and sent to SEIAA.

A directive be sent to SEAC-1 and SEAC-2 that while examining projects, orders passed by Honourable Courts be abided by."

As per the direction of SEIAA, the matter was listed in 714th SEAC meeting dated 06/01/2023. The committee has gone through the 685th SEIAA meeting dated 31/12/2022 wherein:

"Discussion on Validity Extension of ECs of Sand/morrum/river bed material mining based on the replenishment study as per Hon'ble NGT order.

SEIAA gone through the letter of DGM, UP letter no1368/M-228/2017 khananniti (VIII) dated 27-12-2022, letter no.1381/M-228/2017 khananniti (VIII) dated 30-12-2022 addressed to MS SEIAA in which it is mentioned as follows "प्रदेश के विभिन्न जनपदों में स्थित नदी तल के बालू/मोरम के खनन क्षेत्रों के replenishment Study का कार्य भारत सरकार की संस्था सी०एम०पी०डी०आई० द्वारा पूर्ण कर लिया गया है।" SEIAA also gone through the E-mail dated 31-12-2022 of DGM UP and progress statement on the scientific sand replenishment study being carried out by CMPDI vide letter no- CMPDI/BDD/E-760656/I-16525 dated 30-12-2022 for 26 districts (25+1) and Rivers- Ken, Betwa, Yamuna, Gandak Ghaghra, Ganga, Tauns Bhaghain Son, Rapti, Paisuni, Dahsan Mangour, UR. Saprar, Sukhanai, Belan.

SEIAA agrees to extend the validity of the ECs of the concerned leases (of Districts Chitrakoot, Fatehpur, Kaushambi, Hamirpur, Jalaun, Jhansi, Sonebhadra, Shaharanpur, shamli, Baghpat, Ghaziabad, G.B. Nagar, Prayagraj, Mirzapur, Chanduli, Faizabad, Ambedkarnagar, Gorakhpur, Santkabir nagar, Siddharth Nagar, Gonda, Basti, Bahraich, Kanpur Nagar, Kanpur Dehat, Banda) for the period of one year, if the reported production is equal to or less than the production capacity mentioned in original/valid ECs. In case the proponent/DGM aspires to mine additional mineral (Based on the replenishment report) then the proponent has to submit a fresh application. It will be the responsibility of the Mining Department to ensure that no mining is carried out beyond the quantity mentioned in the replenishment study report validated by mining department.

Rest all the conditions mentioned in the original EC shall remain same.

SEIAA opined that details of leases shall be provided by the Mining department at the earliest and secretariat shall place the details before SEIAA in the Next Meeting."

The committee discussed the matter in light of above decision of SEIAA and observed that the SEAC has already recommended to grant of environmental clearance for above project proposal. Hence, the committee requested to SEIAA to take necessary action in the matter as per meeting of minutes dated 31/12/2022.

(Prof. Jaswant Singh)
Member, SEAC-2

(Dr. Amrit Lal Haldar)
Member, SEAC-2

(Dr. Dineshwar Prasad Singh)
Member, SEAC-2

(Tanzar Ullah Khan)
Member, SEAC-2

(Dr. Shiv Om Singh)
Member, SEAC-2

(Dr. Harikesh Bahadur Singh)
Chairman, SEAC-2

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-2

General and Specific Conditions for Soil/Earth Mining Projects:-

General condition:

1. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
2. Any mining activity shall be undertaken only after valid permission from Mining Department/District Administration and written agreement with land owner from where earth excavation is proposed.
3. No change in mining technology and scope of working shall be made without approval of Authority.
4. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
5. The Authority reserves the right to revoke the clearance if conditions stipulated are not implemented. The Authority will also be entitled to impose additional environmental conditions or modify the existing ones, if necessary.
6. In case of any deviation or alteration in the project proposed from those submitted to this Authority for clearance, a fresh reference should be made to the Authority to assess the adequacy of the condition(s) imposed and to add additional environmental protection Measures required, if any.
7. 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.

Specific Conditions:

1. The Environmental clearance will be co-terminus with the agreement/mining plan whichever is less.
2. Environment management should be in accordance with the present environment status of the project.
3. Approach kaccha road should be made motorable and maintained periodically.
4. Transportation of soil should be undertaken in covered containers.
5. Rehabilitation plan with planting of trees to be submitted along with the closure plan.
6. Land to be leveled and handed over to the owners after completion of excavation work.
7. A valid NOC from State Pollution Control Board shall be obtained for the Brick kiln prior to operation as per law and all guidelines must be followed, if applicable.
8. The mining operations shall be strictly limited to the proposed mining sites and proposed purpose.
9. Top soil should be adequately preserved and should be used for landscaping.
10. Excavated soil should be properly stored in a manner not to increase surrounding air pollution level.
11. Water sprinkling should be exercised during excavation and storage of soil for suppression of fugitive dust.
12. Excavated area should be properly reclaimed and ensured that no open bore hole is left.
13. Safety measures for the people working at the site shall be duly taken care of as per law.
14. The excavation work shall be done in day time only.
15. The project boundary shall be properly covered to restrict dust dispersion.
16. Precautionary measures during soil excavation for conservation and protection of rare and endangered flora and fauna found in the study area.
17. Noise level shall be maintained as per standards for both day and night.
18. The route map for soil transportation from excavation plots to work site should be firmed up and necessary permissions shall be sought from District Administration.
19. Vehicles hired for the transportation should be in good condition and should have Pollution Check Certificate and should conform to applicable air and noise emission standards.

20. Personnel exposure monitoring for respirable mineral dust shall be carried out for the workers and records maintained including health records of the workers. Awareness program for workers on impact of mining on their health and precautionary measures like use of personal protective equipments etc. shall be carried out periodically. First aid facilities and adequate sanitary facility in the form of temporary toilets/septic tanks.
21. Solid waste material vizgutkha rappers, plastic bags, glasses etc. to be generated during project activity will be separately stored in bins and managed as per Solid Waste Management Rules.
22. Project proponent should maintain daily register for information of (a) collection of soil/clay, (b) manpower & (c) transportation purpose.
23. Soil mining shall strictly be undertaken as per rules and regulations/permissions obtained from District Administration/Mining Department
24. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution as above shall be submitted to the authority along with list of beneficiaries with their mobile nos./address.
25. The borrowing/excavation activity shall be restricted to a maximum depth of 2 m. below general ground level at the site.
26. The borrowing/excavation activity shall be restricted to 2 m. above the ground water table at the site.
27. The borrowing/excavation activity shall not alter the natural drainage pattern of the area.
28. The borrowed/excavated pit shall be restored by the project proponent for useful purpose(s).
29. Appropriate fencing all around the borrowed/excavated pit shall be made to prevent any mishap.
30. Measures shall be taken to prevent dust emission by covering of borrowed/excavated earth during transportation.
31. Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing/excavation of earth.
32. Workers/labourers shall be provided with facilities for drinking water and sanitation.
33. A berm shall be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.
34. A minimum distance of 15 m from any civil structure shall be kept from the periphery of any excavation area.

Annexure-1

General and Specific Conditions for Gitti, Patthar & Boulder Mining Projects: -

A. 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 the law.
3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization, and scope of working shall again require prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, the quantum of mineral and waste shall be made.
5. Mining will be carried out as per the approved mining plan. In case of any violation of the mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO₂, NO_x monitoring. The 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. The monitored data for criteria pollutants shall be regularly uploaded on the company's website and also displayed on the website.
7. Data on ambient air quality (RPM, SPM, SO₂, NO_x) should be regularly submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and the State Pollution Control Board / Central Pollution Control Board once in six months.
8. Ambient air quality at the boundary of the mine premises shall conform to the norms prescribed in MoEF notification no. GSR/826(E) dated 16.11.09.
9. Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading, and at transfer points shall be provided and properly maintained.
10. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with earplugs/muffs and health records of the workers shall be maintained.
11. Industrial wastewater (workshop and wastewater from the mine) should be properly collected, treated to conform to the standards prescribed under GSR 422 (E) dated 19th May 1993 and 31st December 1993 or as amended from time to time. Oil and grease traps shall be installed before the discharge of workshop effluents.
12. Personnel working in areas shall be provided with protective respiratory devices like masks and they shall also be imparted adequate training and information on safety and health aspects.
13. Special measures shall be adopted to prevent the nearby settlements from the impacts of mining activities.
14. The transportation of the materials shall be limited to the day hours' time only.
15. Provision shall be made for housing the laborers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
16. A separate Environmental Management Cell with suitably qualified personnel shall be setup under the control of a Senior Executive, who will report directly to the Head of the Organization.
17. The Project Proponent shall inform the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board regarding the date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
18. The funds earmarked for environmental protection measures shall be kept in a separate account and shall not be diverted for other purposes. The year-wise expenditure shall be reported to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board

19. The Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board shall monitor compliance with the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan, Public hearing, and other documents information should be given to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board
20. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat, and Municipal Bodies as applicable in the matter.
21. The Project Proponent 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 Level Environment Impact Assessment Authority (SEIAA).
22. The Project Proponent has to submit a regular half-yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the SEIAA, U.P. on 1st June and 1st December of each calendar year.
23. The SEIAA may alter/modify the above conditions or stipulate any further condition in the interest of environmental protection.
24. 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 the Environment (Protection) Act, 1986.

B. Specific Conditions:

1. At the time of operation, the project proponent will comply with all the guidelines issued by the Government of India/State Govt./District Administration related to Covid-19.
2. This environmental clearance does not create or verify any claim of the applicant on the proposed site/activity.
3. 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 the area is less than 05ha, but factually the distance is less than 500 mt, and the mine is located in the cluster of area equal to or more than 05ha, the E.C issued will stand revoked.
4. This environmental clearance shall be subject to a valid lease in favor of the project proponent for the proposed mining proposals. In case, the project proponent does not have a valid lease, this environmental clearance shall automatically become null and void.
5. The Environmental clearance will be co-terminus with the mining lease period/Mining Plan whichever is less. The Mining plan approved by the Dept. of Mines and Geology shall be strictly implemented and shall not be operated beyond the validity period.
6. Explosive cannot be stored on the site. The Project proponent shall take approval from Chief Controller of Explosive, if applicable for use or storage of explosive or any such materials.
7. A comprehensive EIA including mining areas within 15 K.M. to assess the impact of the mining activity on the surrounding area shall be undertaken and a report submitted to this Authority within one year.
8. No two pits shall be simultaneously worked i.e. before the first is exhausted and reclamation work completed, no mineral bearing area shall be worked.
9. After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation work in the exhausted pit shall be completed to ensure that reclamation, forest cover, and vegetation are visible during the first year of mining operations in the next pit. This process will follow till the last pit is exhausted. Adequate rehabilitation of mined pit shall be completed before any new ore-bearing area is worked for expansion.
10. An adequate buffer zone shall be maintained between two consecutive mineral-bearing deposits.
11. The sprinkling of water on haul roads to control dust will be ensured by the project proponent.
12. Green belt development shall be carried out considering CPCB guidelines including the selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of the afforestation programme besides tree plantation.

- The company shall involve local people in the plantation programme. Details of year-wise afforestation programme including rehabilitation of mined-out area shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow every year.
13. Blast vibrations study shall be conducted and an observation report submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and UPPCB within six months. The report shall also include measures for the prevention of blasting associated impact on nearby houses and agricultural fields.
 14. Controlled blasting techniques with sequential blasting shall be adopted. The blasting shall be carried out in the daytime only. The project proponent shall ensure prevention of displacement of human beings/wild animals/birds etc. and in case any such displacement is caused due to blasting/mining operation by any chance the project proponent shall take suitable measures for their rehabilitation and resettlement.
 15. Appropriate arrangement for shelter and drinking water for the mining workers has to be ensured at the mining site.
 16. Maintenance of village roads used for transportation of minerals is to be done by the company regularly at its own expenses. The link roads from mining area to main road shall be constructed as all-weather road with black topping and maintained by the project proponent.
 17. The surface runoff rain water harvesting/rain water recharge and water conservation measures will be taken by project proponent in consultation with central /State ground water Board .The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flows from the mining area. The supernatant of the siltation basin and rain water harvested water shall be utilized for watering the haulage area, roads and green belt development etc.
 18. Status of implementation shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and UP Pollution Control Board within six months and thereafter every year from the next consequent year.
 19. The self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out.
 20. Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geotextile matting or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.
 21. Trenches/garland drains shall be constructed at foot of dumps and coco filters installed at regular intervals to arrest silt from being carried to water bodies. An adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs if any flowing through the ML area and silts arrested. De silting at regular intervals shall be carried out.
 22. Garland drain of appropriate size, gradient, and length shall be constructed for both mine pit and waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide an adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de silted at regular intervals.
 23. Ground and surface water, if any in and near the core zone (within 5.0 km of the lease) shall be regularly monitored for contamination and depletion due to mining activity and records maintained. The monitoring data shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly. Further, monitoring points shall be located between the mine, and drainage in the direction of flow of groundwater shall be set up and records maintained.
 24. Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly.
 25. Baseline data for ambient air quality shall be generated and maintained and RSPM level in ambient air in the nearby human habitation (villages) shall also be monitored along with other parameters.

26. Corporate Environmental Responsibility (CER) shall be by the project proponent and the details of the various heads of expenditure are to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with the installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of the beneficiary and gram Pradhan along with phone number, photographs should be submitted to Directorate as well as to the District Magistrate / Chief Development officers.
27. Transportation of minerals shall be done by covering the trucks with tarpaulin or other suitable mechanisms so that no spillage of mineral/dust takes place.
28. Occupational health and safety measures for the workers including identification of work-related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust, etc. shall be carried out. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including the health records of the workers. Awareness programmes for workers on the impact of mining on their health and precautionary measures like the use of personal protective equipment etc. shall be carried out periodically. A review of the impact of various health measures shall be conducted followed by follow-up action wherever required.
29. The project proponent will ensure for employing local people as per requirement, necessary protection measures around the mine pit and waste dump, and garland drain around the mine pit and waste dump.
30. Topsoil / solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation of the mined-out area. Topsoil shall be separately stacked for utilization later for reclamation and shall not be stacked along with overburden.
31. Overburden (OB) shall be stacked at the earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 20 m, each stage shall preferably be of a maximum of 10 m and the overall slope of the dump shall not exceed 35°. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface runoff.
32. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow, and U.P. Pollution Control Board on a six-monthly basis.
33. The slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by the Indian Bureau of Mines.
34. Permission for the abstraction of groundwater shall be taken from Central Ground Water Board. Regular monitoring of ground and surface water sources for level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year i.e., premonsoon (April/May), monsoon (August), post-monsoon (November), and winter (January), and the data thus collected shall be regularly sent to MoEF&CC, Central Ground Water Authority, and Regional Director, Central Ground Water Board.
35. The wastewater from the mine shall be treated to conform to the prescribed standards before discharging into the natural stream. The discharged water from the Tailing Dam, if any shall be regularly monitored and report submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, Central Pollution Control Board, and the State Pollution Control Board.
36. Hydrogeological study of the area shall be reviewed by the project proponent annually. In case the adverse effect on groundwater quality and quantity is observed mining shall be stopped and resumed only after mitigating steps to contain any adverse impact on groundwater is implemented.
37. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of minerals and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. The vehicles transporting minerals shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the period of transportation. No overloading of minerals for transportation shall

- be committed. The trucks transporting minerals shall not pass through the wildlife sanctuary if any in the study area.
38. Prior permission from the Competent Authority shall be obtained for the extraction of groundwater if any.
 39. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
 40. Project Proponent shall explore the possibility of using solar energy where ever possible.
 41. Commitment towards CER has to be followed strictly.
 42. Regular health checkup record of the mineworkers has to be maintained at the site in a proper register. It should be made available for inspection whenever asked.
 43. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB, and other Govt. Agencies from time to time.
 44. The blasting will be done only after getting permission from the Mining Department.

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 PM10, 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.