

### **Minutes of 801<sup>st</sup> SEAC-1 Meeting Dated 18/10/2023**

The 801<sup>st</sup> meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 18/10/2023. Following members participated in the meeting:

- |    |                             |                          |
|----|-----------------------------|--------------------------|
| 1. | Shri Rajive Kumar,          | Chairman, SEAC           |
| 2. | Dr. Ratan Kar,              | Member, SEAC-1           |
| 3. | Shri Om Prakash Srivastava, | Member, SEAC-1           |
| 4. | Dr. Brij Bihari Awasthi,    | Member, SEAC-1           |
| 5. | Shri Umesh Chandra Sharma,  | Member, SEAC-1           |
| 6. | Shri Ashish Tiwari,         | Member-Secretary, SEAC-1 |

The Chairman welcomed the members to the 801<sup>st</sup> SEAC-1 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-1 informed the committee that the agenda has been approved by the Member Secretary, SEAC-1/Director, Directorate of Environment. Nodal Officer, SEAC-1 placed the agenda items along with the available file and documents before the SEAC-1.

1. **Sand/Morrum Mining Project from Riverbed of Yamuna River located at Gata No.- 424, 426 to 430, 437 to 441, 443, 445 to 450 (Khand No. 10/3 to 10/6), Village - Malhipur, Tehsil-Chail, District- Kaushambi, Shri Kunwar Dinesh Singh, Area: 18.00 ha., 8277/7395/SIA/UP/MIN/445095/2023**

#### **RESOLUTION AGAINST AGENDA NO. 01**

The committee observed that KML file shows that only sand is available on the mining site. However in LoI/mining plan/EC application it has mentioned only morrum. A clarification from District Magistrate should be asked. In this regard letter must be sent on priority. Project proponent should conduct drone videography of the project site mentioning the date, time and geo coordinates so that real picture of the site will come before the committee.

2. **Sand/Morrum Mining having along River Yamuna in Gata No.2/2, Khand No.03 at Village-Tir Ghumai Gangu, Tehsil- Rajapur, Dist-Chitrakoot, Shri Surendra Kumar Shukla, Area- 23.0 ha., 8279/SIA/UP/MIN/445201/2023**

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

1. The terms of reference is sought for proposed riverbed sand/morrum mining from River Yamuna at Gata No.2/2, Khand No. 03, Village-Tir Ghumai Gangu, Tehsil-Rajapur, Dist-Chitrakoot Uttar Pradesh, (Leased Area ; 23.0 ha).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/445201/2023
2.	File No. allotted by SEIAA, UP	8279
3.	Name of Proponent	Shri Surendra Kumar Shukla S/o Shri Parmanand Shukla
4.	Full correspondence address of proponent and mobile no.	R/o -House No. 307, Miyapur 5, Jaunpur Sadar District-Jaunpur (U.P)
		Mobile no.- 9170957700
		E mail ID- sssand2023@gmail.com
5.	Name of Project	Terms of reference for environment clearance of proposed

**Minutes of 801<sup>st</sup> SEAC-1 Meeting Dated 18/10/2023**

		riverbed sand/morrum mining having lease area-23.0 ha along River Yamuna in Gata No.2/2, Khand No.03 at Village-Tir Ghumai Gangu, Tehsil-Rajapur, Dist-Chitrakoot Uttar Pradesh of Shri Surendra Kumar Shukla																		
6.	Project Location (Plot. Khasra/Gata No.)	Gata No.2/2, Khand No.03																		
7.	Name of River	Yamuna River																		
8.	Name of Village	Tir Ghumai Gangu																		
9.	Tehsil	Rajapur																		
10.	District	Chitrakoot																		
11.	Name of Minor Mineral	“River bed Sand/morrum mining”																		
12.	Sanctioned Lease Area (in Ha.)	23.0 ha																		
13.	Max. & Min mRL within lease area	The highest level of area is 104.0 mRL The lowest level is 99.0 mRL																		
14.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillar</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr> <td align="center" colspan="3">Total Area-23.0 ha</td></tr> <tr> <td align="center">A</td><td align="center">25° 30.306'N</td><td align="center">81° 06.789'E</td></tr> <tr> <td align="center">B</td><td align="center">25° 30.369'N</td><td align="center">81° 06.618'E</td></tr> <tr> <td align="center">C</td><td align="center">25° 30.738'N</td><td align="center">81° 06.747'E</td></tr> <tr> <td align="center">D</td><td align="center">25° 30.741'N</td><td align="center">81° 06.914'E</td></tr> </tbody> </table>	Pillar	Latitude	Longitude	Total Area-23.0 ha			A	25° 30.306'N	81° 06.789'E	B	25° 30.369'N	81° 06.618'E	C	25° 30.738'N	81° 06.747'E	D	25° 30.741'N	81° 06.914'E
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15.	Total Geological Reserves	4,74,120 m <sup>3</sup>																		
16.	Total Mineable Reserve	4,60,000.0 m <sup>3</sup>																		
17.	Proposed Production /year (as per LoI)	4,60,000.0 m <sup>3</sup>																		
18.	Sanctioned Period of Mine lease	Lease Period 5 Years Plan Period 5 Years																		
19.	Method of Mining	Mining will be carried out by bar scalping or skimming method and mining operation shall be semi - mechanized (OTFM) using scrapers/EMM and chain/tyre mounted bulldozers for rescue & salvage (as per SSMG 2016).																		
20.	No. of worker	39																		
21.	Type of Land	Govt./Non Forest Land																		
22.	Ultimate Depth of Mining	2.0 m																		
23.	Nearest metalled road from site	0.50 km																		
24.	Water Requirement	<b>PURPOSE</b> Drinking - 0.39 KLD Suppression of dust - 6.0 KLD Plantation - 2.30 KLD Others (if any) - 0.00 KLD Total 8.63 KLD																		
25.	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																		
26.	Any litigation pending against the project or land in any court	No																		
27.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 1653/Khanij/2023-24, dated - 28/04/2023																		
28.	Details of Lease Area in approved DSR	DSR approved by District Authority, page No.54, Sr. No.12																		
29.	Project Cost	1.10 Crore																		
30.	Proposed CER cost	2.20 lacs																		
31.	Length and breadth of Haul Road	Length – 0.50 km, Breadth – 6.00 m																		
32.	No. of Trees to be Planted	2300																		

- 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.

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 16/10/2023 mentioning is as follows:

1. I Dr. Surendra Vikram Ghavri S/o Shri Pratap Kumar is EIA Coordinator of Paramarsh servicing Environment and Development.
2. I have prepared ToR application along with Form 1, Pre-feasibility Report for the proposed riverbed sand/morrum mining having lease area-23.0 ha along River Yamuna in Gata No.2/2, Khand No.03 at Village-Tir Ghumai Gangu, Tehsil-Rajapur, Dist-Chitrakoot Uttar Pradesh, Prop: Shri Surendra Kumar Shukla, Proposal No. SIA/UP/MIN/445201/2023 with my team.
3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required for ToR application along with Form 1, Pre-feasibility Report preparations are true and correct.
5. I certify that this project has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
7. The ToR application along with Form 1, Pre-feasibility Report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

#### **RESOLUTION AGAINST AGENDA NO. 02**

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

#### **Additional TOR:**

1. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
2. One month additional post monsoon monitoring.
3. Purchased KML should be presented at the time of EIA presentation.
4. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
5. To ensure proper monitoring, the project proponent/consultant should provide evidence in form 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.
6. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
7. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
8. 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.
9. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.

10. Combined KML of all mines in a cluster should be submitted at the time of EIA.
11. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
12. 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.
13. 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.
14. 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.
15. 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.
16. 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.
17. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
18. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

**3. Proposed Housing Project “Harnarain Aeropolis - (Dwelling Units -129no.s) at S.M. Plot No.- 64 & 65, Mauza- Sehmalpur, Pargana- Athgawa, Tehsil- Pindra, District- Varanasi, U.P., M/s Sitka Commosale Pvt. Ltd., Shri Deepak Kumar Bahal, 8281/SIA/UP/INFRA2/443710/2023**

The project proponent submitted an application dated 22/09/2023 (Proposal No. SIA/UP/INFRA2/443710/2023) was made by the project proponent M/s Sitka Commosale Pvt. Ltd. for environmental clearance of “Housing Project “Harnarain Aeropolis - (Dwelling Units -129no.s) at S.M. Plot No.- 64 & 65, Mauza- Sehmalpur, Pargana- Athgawa, Tehsil- Pindra, District- Varanasi, U.P.” under violation category as per procedure laid down in MoEF&CC, Govt. of India Office Memorandum dated 7th July, 2021 regarding standard operating procedure (SoP) for identification and handling of violation cases under EIA Notification, 2006.

The project proponent informed the committee that unawareness regarding the ambit of environment clearance for building and construction project with built up area above 20,000 m<sup>2</sup>, the project was not obtained environment clearance at SEIAA. After awareness on non-implementation of the notification we suspended the whole construction violating activities since then. The construction activities done till date includes earth work, bag shoring and PCC work and construction of the building blocks. The total amount spent on aforesaid activities are Rs. 1034.07 out of total cost of the project i.e. Rs. 2972.00 lacs.

As per the documents/presentation the committee was informed that 34.81% construction works has already been completed by the project proponent without obtaining prior environmental clearance.

The committee observed that as per clause 12 a (i) of OM No. F.N. 22-21/2020-IA.III dated 07/07/2021 under Penalty provisions for violation cases and applications: For New Projects: Where operation has not commenced: 1% of the total Project Cost incurred upto the date of filing of application along with EIA/EPM Report has to be imposed on the project proponent. However as per clause 12.2 of OM Dated 07/07/2021 the percentage rates, as above, shall be halved if the PP suo-moto reports the such violation without such violations coming to the knowledge of the Government either on inquiry or complaint.

In view of the above, the committee directed the project proponent to submit letter from Varanasi Development Authority and UPPCB, Varanasi mentioned that there is no compliant received against the aforesaid project regarding start of construction work at the site and CTE/CTO has not been refused by UPPCB in the absence of environmental clearance. The committee decided that as per provision of SoP/OM dated 7th July, 2021 the penalty will be imposed after submission of above letters by the project proponent.

The committee also directed the project proponent will not start operation at the site until the Environmental Clearance is granted as per section 11 of standard operating procedure (SoP) for identification and handling of violation case under EIA Notification, 2006.

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 Sawen Consultancy Services 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 terms of reference is sought for Proposed Housing Project "Harnarain Aeropolis - (Dwelling Units -129no.s) at S.M. Plot No.- 64 & 65, Mauza- Sehmalpur, Pargana- Athgawa, Tehsil- Pindra, District- Varanasi, U.P., M/s Sitka Commosale Pvt. Ltd.
2. Salient features of the project:

Details	Total Proposed	Development done till date
Plot area	8382.00m <sup>2</sup>	8382.00m <sup>2</sup>
Built-up Area	22,960m <sup>2</sup>	Earth work, bag Shoring, PCC work, civil construction of building blocks (34.81% completed till date as whole.)
Maximum Height of the Building	Tower 1: B+G+9 (36.05m) Tower 2: B+ S+12 (40.30)	--
Total Expected Population	3000No.s	--
Source of water supply	Tankers (Local Vendors) Bore well-2No.s (During Operation Phase)	Construction Phase- Tankers (Local Vendors)
Electricity supply	11 KV transmission line	--
Total Consumption of Water	65KLD	--
Total MSW generated	445Kg/Day	--
Proposed STP capacity	85KLD	--
No of Rain Water Harvesting Pit	1No.	--
Total Project Cost	Rs. 2972.00lacs	Rs. 1034.07lacs
CER Cost	Rs 5.94Lakhs	--
No. of trees to be planted	125No.s	50No.s

3. Land use details:

S. no.	Description	Area (sqm)	% of total plot area
1	Plot Area	8382.00	100
2	Road Widening Area	162.24	1.93
3	Green Area	1641.00	19.57
4	Ground Coverage	2783.00	33.20
5	Internal Road area /Set Back Area	2714.81	32.38
6	Parking area	446.46	5.32
7	Open Area	634.49	7.56

4. Built up area details:

S.No.	Particulars	Area
1	Tower -1	2,124.71
2	Tower 2	12,104.40
3	Villa Type -1	3,439.08

4	Villa Type -2	337.54
5	Total Basement and Stilt	4327.34
6	Common Areas	627.27
	Total Built-Up Area	22960.34m <sup>2</sup> say. 22960.00m <sup>2</sup>

**5. Population details:**

S. NO.	STAFF DESIGNATION	Population (No.s)
1	Residents	645
2	Visitors	130
3	Services Staff/Maintenance Staff	25
	Total Population	800

**6. Parking details:**

Parking Type	Area	ECS Provided
Basement Parking Area	3314.8m <sup>2</sup>	103.58
Stilt Parking Area	898.76m <sup>2</sup>	31.92
Open Parking Area	446.46m <sup>2</sup>	19.41
Total Parking Area	4660.02 m <sup>2</sup>	155

\*Around 30 sqm. Equivalent car space to be provided for each ECS

**7. Water requirement details:**

S. No.	Water Use	Population	Per Capita in (LPCD)	Water Requirement (KLD)	Waste Generation (KLD)	Water
1.	Residents	645	86	55.47	44.376	
2.	Service Staff	25	45	1.125	0.9	
3.	Visitors	130	15	1.950	1.56	
<b>TOTAL DOMESTIC WATER REQUIREMENT</b>						
3.	Gardening/Landscape Area	1641m <sup>2</sup>	1 l/m <sup>2</sup>	1.641	Nil	
<b>TOTAL WATER REQUIREMENT</b>				60.186	48.836	

**8. Solid waste details:**

S.no.	Description	Population	Per capita SW generation as per GRIHA (Kg/day)	Total SW generation (Kg/day)	Biodegradable /Compostable (Kitchen and garden waste)	Recyclable (metals, glass, paper, plastics)	Non-compostable (inert wastes)
1	Residents	645	0.65	419.25	209.625	75.465	134.16
2	Service Staff	25	0.25	6.25	3.125	1.125	2
3	Visitors	130	0.15	19.5	9.75	3.51	6.24
			Total	445	222.5	80.1	142.4

**9. Landscape plan:**

S.NO.	DESCRIPTION	UNITS
1	Total plot area	8382.00sqm
2	Total green area	1641.00sqm
3	Softscaping area (tree plantation)	1148.7sqm
4	Hardscaping area (gardening)	492.4sqm
5	Required number of trees (1 Tree per 80 sqm of plot area)	105 nos.
6	Proposed number of trees	125 nos.

10. The project proposal falls under category-8(a) of EIA Notification, 2006 (as amended) and MoEF&CC, violation SoP/Office Memorandum dated 07/07/2021 for the violation project.

The consultant (EIA Coordinator) also submitted an affidavit dated 17/10/2023 mentioning is as follows:

- I, Satyendra Singh, S/o Late Shri R.P. Singh is EIA Coordinator for M/s Sawen Consultancy Services Pvt. Ltd.

2. I have prepared the TOR application (under violation) for the proposal Proposed Housing Project "Harnarain Aeropolis - (Dwelling Units -129no.s) at S.M. Plot No.- 64 & 65, Mauza- Sehmalpur, Pargana- Athgawa, Tehsil- Pindra, District- Varanasi, U.P., M/s Sitka Commosale Pvt. Ltd. with my team.
3. I have personally visited the site of proposal and certify that earth work, bag shoring, PCC work and civil construction for building blocks (34.81% of the total project) has been undertaken on the proposed site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with TOR application (violation) are true and correct.
5. I certify that the proposal 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 which will be submitted after acceptance of application.
7. The TOR application for the proposal is prepared my team as per guideline laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO-03**

**The committee discussed the matter in view of MoEF&CC Violation SoP/Office Memorandum dated 07/07/2021 that SEIAA imposes a penalty as per procedure laid down regarding SOP for identification and handling of violation cases under EIA notification 2006 and recommended with the condition to issue the standard terms of reference (TOR) for the preparation of Environment Impact Assessment Report. The committee also stipulated following additional TOR points:**

**Additional TOR:**

1. Project Proponent should submit Trees cutting NOC from the DFO.
2. Plan for CER as per rules.
3. Water balance plan as per norms.
4. Total project cost incurred on the date of filing of application should be submitted by the project proponent from Govt. authorized valuer.
5. The project proponent to submit letter from Varanasi Development Authority and UPPCB, Varanasi mentioned that there is no complaint received against the aforesaid project regarding start of construction work at the site and CTE/CTO has not been refused by UPPCB in the absence of environmental clearance.
6. The committee prescribed specific Terms of Reference for the project on the assessment of ecological damage, remediation plan and natural and the community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants, and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory accredited by National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of the Council of Scientific and Industrial Research institution working in the field of environment.
7. For assessment of ecological damage with respect to air, water land and other environmental attributes, the collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
8. Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
9. The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The Quantum shall be recommended by the SEAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation

of the EMP, followed by recommendations of the SEAC and approval of the regulatory authority.

10. Uttar Pradesh Pollution Control Board to take action against the project proponent under the provisions of section 19 of Environment Protection Act, 1986.
11. Status report regarding construction/development work has already taken up by the project proponent shall mentioned with the date and expected time of completion of project in tabular form to be submitted at the time of EIA presentation.
12. Copy of approved plan for the project along with the Permission Letter from Varanasi Development Authority to be submitted at the time of EIA presentation.

**Standard terms of reference:**

1. Examine details of land use as per Master Plan and land use around 10 km radius of the project site. Analysis should be made based on latest satellite imagery for land use with raw images. Check on flood plain of any river.
2. Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/ villages and present status of such activities.
3. Examine baseline environmental quality along with projected incremental load due to the project.
4. Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) bio-diversity, (f) noise and vibrations, (g) socio economic and health.
5. Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area. Any obstruction of the same by the project
6. Submit the details of the trees to be felled for the project.
7. Submit the present land use and permission required for any conversion such as forest, agriculture etc.
8. Submit Roles and responsibility of the developer etc for compliance of environmental regulations under the provisions of EP Act.
9. Ground water classification as per the Central Ground Water Authority.
10. Examine the details of Source of water, water requirement, use of treated waste water and prepare a water balance chart.
11. Rain water harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water. Examine details.
12. Examine soil characteristics and depth of ground water table for rainwater harvesting.
13. Examine details of solid waste generation treatment and its disposal.
14. Examine and submit details of use of solar energy and alternative source of energy to reduce the fossil energy consumption. Energy conservation and energy efficiency.
15. DG sets are likely to be used during construction and operational phase of the project. Emissions from DG sets must be taken into consideration while estimating the impacts on air environment. Examine and submit details.
16. Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. The plan should include the provision of link road from mining area to main road with black topping to prevent air pollution due to dust emission. Present and future traffic and transport facilities for the region should be analysed with measures for preventing traffic congestion and providing faster trouble free system to reach different destinations in the city.
17. A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.
18. Examine the details of transport of materials for construction which should include source and availability.
19. Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.
20. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
21. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.



22. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
23. Examine the probable displacement/ disturbance of human/wild animal/birds settlement/migration due to impact of proposed project and suggest the suitable mitigation measures
24. There should be provision of temporary shelters for workers with provision of potable drinking water, toilet facility separate for men and women to prevent and stop open defecation at project site.
25. Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model ToR available on Ministry website "<http://moef.nic.in/Manual/Townships>".

**4. “Building stone, Khanda, Boulder, Ballast (Gitti) Mining Project” located at Arazi No. -2/4 Khand No.05, Village Jujhar Tehsil Sadar & District Mahoba, Shri Yashraj Jadaun, Area 1.619 ha., 8283/6302/SIA/UP/MIN/445135/2023**

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 Environmental Research and Analysis, Lucknow (U.P). Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for “Building stone, Khanda, Boulder, Ballast (Gitti) Mining Project” located at Arazi No. -2/4 Khand No.-05, Village Jujhar Tehsil Sadar & District Mahoba, Shri Yashraj Jadaun, Area- 1.619 ha.,
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 307/Parya/SEIAA/6302/2021 on date 22/11/2021.
3. The Public Hearing was organized on 02/02/2023. Final EIA report submitted by the project proponent on 22/09/2023.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/445135/2023		
2. File No. allotted by SEIAA, U.P	8283-6302		
3. Name of Proponent	M/s Royal Natural Stones Pvt. Ltd. Proponent- Mr. Yashraj Jadaun S/o Mr. Virendra Singh Jadaun		
4. Full correspondence address of proponent and mobile no.	R/o - E-7/M-708, Arera Colony, Bhopal, (M.P.)		
5. Name of Project	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Arazi No. 2/4 (Khand No. – 05),		
7. Name of River	NA		
8. Name of Village	Jujhar		
9. Tehsil	Mahoba		
10. District	Mahoba (U.P.)		
11. Name of Minor Mineral	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project		
12. Sanctioned Lease Area (in Ha.)	1.619 Ha.		
13. Mineable Area (in Ha.)	1.2493 Ha. (Safety Margin 0.3697 Ha. )		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	Maximum & Minimum mRL is 193.0 & 170.10 mRL respectively.		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	25°24'21.47"N	79°55'15.00"E
	B	25°24'23.42"N	79°55'17.95"E
	C	25°24'19.64"N	79°55'22.18"E
	D	25°24'17.11"N	79°55'19.74"E

17. Total Geological Reserves	6,57,525 m <sup>3</sup>	
18. Total Mineable Reserves	3,56,220 m <sup>3</sup> for 5 Years	
19. Sanction Quantity as per LOI	64,760 m <sup>3</sup> per year as per LOI	
20. Total Proposed Production (in five year)	3,23,800 m <sup>3</sup> in five years	
21. Proposed Production/year	64,760 m <sup>3</sup> per year	
22. Sanctioned Period of Mine lease	10 Years as per LOI	
23. Total proposed quantity for 10 years	6,47,600 m <sup>3</sup> for lease period of 10 years as per LOI	
24. Method of Mining	Open cast, Semi- Mechanized	
25. Working hours/day	8 hours/day	
26. No. Of workers	40	
27. No. Of vehicles movement/day	19-20 Vehicles movement/day	
28. Type of Land	Government Land	
29. Ultimate Depth of Mining	42.0 m for 5 Years as per approved mining plan	
30. Nearest metalled road from site	NH-76 is about 8.0 km towards South-East direction from the project site.	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking water	0.5 KLD
	Dust suppression	2.07 KLD
	Plantation	2.0 KLD
	Others (if any)	-
	Total	4.57 KLD approx
32. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 (Rev01) Valid up to 21 January, 2024	
33. Any litigation pending against the project or land in any court	No	
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 5344/ एम॰एम॰सी॰-30/2020-21 Date- 28/09/2020	
35. Details of Lease Area in approved DSR	Amended DSR (Letter No. 154/ एम॰एम॰सी॰-30-खनिज (2021-22) page no 02 , serial no -56)	
36. Proposed EMP cost	Rs. 16,87,550/-(more than 2% of total project cost)	
37. Proposed Total Project cost	Rs. 85,00,000/-	
38. Length and breadth of Haul Road	230 m length and 6.0 m width	
39. No. of Trees to be Planted	2000	
40. Monitoring period of baseline data	1 <sup>st</sup> October 2020 to 31 <sup>st</sup> December 2020	

- 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-I(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 13/10/2023 mentioning is as follows:

- I Brij Mohan Singh Negi is EIA Coordinator of M/s Environmental Research and Analysis, Lucknow (U.P.), Accreditation Certificate No- NABET/ EIA/ 1922/RA 0200 (Rev 01), valid till- 21/01/2024.
- I have prepared EIA /EMP (B-1) report for the Proposal No. SIA/UP/MIN/445135/2023 (File No- 8283-6302) Arazi No. 2/4 (Khand No. – 05), Lease Area 1.619 Ha. Village- Jujhar, Tehsil- Mahoba, District – Mahoba (U.P.) M/s Royal Natural Stones Pvt. Ltd. Proponent- Mr. Yashraj Jadaun S/o Mr. Virendra Singh Jadaun R/o - E-7/M-708, Arera Colony, Bhopal, (M.P.) 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 have satisfied with that all the necessary data/information required for EIA/EMP presentations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. 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. Project Proponent should submit action plan for carrying out plantation at least @1,000 plants / ha of lease area. In this case, PP should prepare a plan, duly approved either by Forest Department or District plantation committee, for planting at least (as per the project) plants, either on government land or community land, within a periphery of 5 km from the boundary of the lease area along with provisions for maintenance for 5 years. Survival of plants should not be less than the survival rate notified by Uttar Pradesh Forest Department otherwise it will be treated as violation of EC condition.
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 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.
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
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 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 Forest Department, UPPCB and Directorate of Environment, UP.

**5. Expansion of existing production capacity of MS ingot/MS Billet from 90720 MTPA to 180000 MTPA and TMT Bar/MS Bar from 98000 MTPA to 180000 MTPA through induction furnace & CCM at 7th K.M. Meerut Road, District-Muzaffarnagar, Shri Rakesh Kumar Gupta, M/s Amba Shakti Steels Limited., 8285/7455/SIA/UP/IND1/445319/2023**

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

1. The environmental clearance is sought for Expansion of existing production capacity of MS ingot/MS Billet from 90720 MTPA to 180000 MTPA and TMT Bar/MS Bar from 98000 MTPA to 180000 MTPA through induction furnace & CCM at 7th K.M. Meerut Road, District-Muzaffarnagar, Shri Rakesh Kumar Gupta, M/s Amba Shakti Steels Limited.
2. The standard Terms of Reference in the matter were issued through online Parivesh Portal on 20/12/2022. Public hearing organized on 25/07/2023 and final EIA Report was submitted by the Project Proponent on 22/09/2023.
3. The unit has valid CCA (Consolidated Consent & authorization) vide Ref No. 159311/UPPCB/ MuzaffarNagar (UPPCBRO)/CTO/ both/ MUZAFFARNAGAR/2022 dated 11/08/2022 granted for the period from 01/08/2022 to 31/07/2025.
4. Salient features of the project:

Sr No	Particulars	Details																								
1	Name of project	Expansion of existing production capacity of MS ingot/MS Billet from 90720 MTPA to 180000 MTPA and TMT Bar/MS Bar from 98000 MTPA to 180000 MTPA through induction furnace & CCM at 7th K.M. Meerut Road, Muzaffarnagar-251003 Uttar Pradesh.																								
2	Registered Office	21/6, West Patel Nagar, New Delhi-110008																								
3	Name of Applicant	Mr. Rakesh Kumar Gupta																								
4	Designation	Director																								
5	Nature and Size of Project	<table><tr><td colspan="2">Existing capacity</td></tr><tr><td>Particulars</td><td>Quantity</td></tr><tr><td>MS Ingot/ Billet</td><td>90720 MTPA</td></tr><tr><td>TMT Bar/MS Bar</td><td>98000 MTPA</td></tr><tr><td colspan="2">Expansion capacity</td></tr><tr><td>Particulars</td><td>Quantity</td></tr><tr><td>MS Ingot/MS Billet</td><td>89280 MTPA</td></tr><tr><td>TMT Bar/MS Bar</td><td>82000 MTPA</td></tr><tr><td colspan="2">Production capacity after expansion</td></tr><tr><td>Particulars</td><td>Particulars</td></tr><tr><td>MS Ingot/ Billet</td><td>180000 MTPA</td></tr><tr><td>TMT Bar/MS Bar</td><td>180000 MTPA</td></tr></table>	Existing capacity		Particulars	Quantity	MS Ingot/ Billet	90720 MTPA	TMT Bar/MS Bar	98000 MTPA	Expansion capacity		Particulars	Quantity	MS Ingot/MS Billet	89280 MTPA	TMT Bar/MS Bar	82000 MTPA	Production capacity after expansion		Particulars	Particulars	MS Ingot/ Billet	180000 MTPA	TMT Bar/MS Bar	180000 MTPA
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6	Category of the Project	Cat. B, Item 3(a) Metallurgical industries (ferrous & non ferrous) as per EIA Notification 2006 MoEFCC Notification S.O.3067 (E) dated 01 December 2009																								

		Hon'ble NGT Order dated 12th February, 2020 of in O.A. No. 55/2019 (WZ) in the matter of Gajubha Jesar Jadeja vs Union of India & Ors. And UPPCB letter ref no. H-68655/C-1/NGT-121/2021 dated 25.11.2021). MoEFCC Notification S.O.3050 (E) dated 20 <sup>th</sup> July 2022.		
7	Locations Details			
	Plot No./Khasra No./Survey No.	Jaroda Village- 1778M, 1825 & 1826 Nara Village-26, 50M/1 & 50M		
	Village	Jaroda & Nara		
	Tehsil	Muzaffarnagar		
	District	Muzaffarnagar		
	State	Uttar Pradesh		
	Pin code	251003		
	Coordinates of Proposed project	Pillar	Latitude	Longitude
		A	29°24'15.79"N	77°42'5.43"E
		B	29°24'13.26"N	77°42'12.58"E
		C	29°24'14.01"N	77°42'13.17"E
		D	29°24'13.53"N	77°42'15.35"E
		E	29°24'7.01"N	77°42'17.24"E
		F	29°24'8.32"N	77°42'11.53"E
		G	29°24'8.05"N	77°42'11.44"E
		H	29°24'10.74"N	77°42'3.21"E
I		29°24'11.51"N	77°42'3.16"E	
J		29°24'10.74"N	77°42'5.54"E	
K	29°24'12.05"N	77°42'6.13"E		
L	29°24'12.40"N	77°42'5.29"E		
Toposheet No	53G/11			
8	Area Details			
	Total Plot Area	Total Plot Area:- 48715.00 m2 (4.8715 Ha)		
		Particulates		Area (m2)
		Cover area	15226.85	
		Green belt area	17050.00	
	Open area	16438.15		
Greenbelt / Plantation Area	17050 m2			
	> 35.0 % of the project area will be covered under green belt and plantation.  2557 sapling will be planted along the boundary side (1500 plants/ hectare of total green area).			
9	Cost Details			
	PARTICULARS			
	Total Project Cost	Rs. 120.0 Crore		
	EMP Cost (Capital and Recurring)	Capital cost: 91.6 Lakh Recurring cost: 15Lakh		
	CER	Rs. 180.0 Lakh (1.5% of total project cost as per the OM 2018 of MoEFCC)		
10	Basic Requirements for the project			
	Fresh Water Requirement	S. No	Particulars	Water Demand
		1	Industrial	81 KLD
		2	Domestic:	6.0 KLD
		3	Plantation:	10.0 KLD
			Total:	97.0 KLD
	Source of Water	Ground Water		
	Wastewater Discharge	Unit is based on Zero Liquid Discharge Water will be used for cooling purpose which will be cooled by cooling tower and reused again for the cooling purpose. Waste water generated due to domestic activity will be disposed of through septic tank followed by soak pit.		
	Power Requirement	Existing electric load- 13500 KVA Proposed electric requirement- 6500 KVA		

		Power requirement after expansion- 20,000 KVA																														
	Source of Power	Uttar Pradesh Power Corporation Limited																														
	D.G. Set Capacity with stack height and Fuel	300 KVA and 500 KVA Stack height 6 Meter from ground level																														
	Man Power Requirement	125 Nos																														
	Working Days	300 days / Annum																														
11	Raw material																															
	Major Raw Material capacity	MS Scrap and Sponge Iron- 200000 MTA MS Billet-180000 MTA																														
	Source of Raw Materials	Easily available in West Bengal, Jharkhand, Orissa and nearby areas																														
	Induction Furnace Capacity	Existing: 3 nos. electrical based induction furnace capacity 6 MT, 7 MT and 8 MT. Proposed: 1 × 25 MT Induction Furnace (Electric Based) Note: Adequate height and dia of stack is attached with induction furnace with 30 meter height attached along with Bag house filter																														
	Solid Waste	Solid waste generated in the form of slag from induction furnace. The generated slag is sold to brick manufacturer after recovering of iron. Aprox. 25 KG/day domestic solid waste generated which is being managed as per the solid waste management rule 2016.																														
12	Hazardous Waste	Used/Spent oil: 50 Liter/year Discarded containers contaminated with hazardous waste: 2 Numbers PVC drums. Spent oil will be sold to registered users Discarded containers will be sold to authorized recyclers																														
13	List of industries in 10 Km radius from project site	<table border="1"> <thead> <tr> <th>S. No.</th><th>Name of the Industry</th><th>Aerial Distance and Direction from Project Site</th></tr> </thead> <tbody> <tr> <td>1</td><td>Acier Falcon Pvt Ltd</td><td>0.10 Km (SW)</td></tr> <tr> <td>2</td><td>Aristo Paper Mill</td><td>0.09 Km (S)</td></tr> <tr> <td>3</td><td>Isgec Heavy Engg. Ltd.</td><td>0.85 (SE)</td></tr> <tr> <td>4</td><td>Swastic India</td><td>1.74 (N)</td></tr> <tr> <td>5</td><td>Shivalik Industries</td><td>2.02 (N)</td></tr> <tr> <td>6</td><td>Malik Metals Industry Pvt Ltd</td><td>3.52 (NW)</td></tr> <tr> <td>7</td><td>Morica Gramodyog PVC Pipe</td><td>2.80 (S)</td></tr> <tr> <td>8</td><td>Madni Agro Industry</td><td>5.47 Km (NE)</td></tr> <tr> <td>9</td><td>Gur factory</td><td>2.39 (N)</td></tr> </tbody> </table>	S. No.	Name of the Industry	Aerial Distance and Direction from Project Site	1	Acier Falcon Pvt Ltd	0.10 Km (SW)	2	Aristo Paper Mill	0.09 Km (S)	3	Isgec Heavy Engg. Ltd.	0.85 (SE)	4	Swastic India	1.74 (N)	5	Shivalik Industries	2.02 (N)	6	Malik Metals Industry Pvt Ltd	3.52 (NW)	7	Morica Gramodyog PVC Pipe	2.80 (S)	8	Madni Agro Industry	5.47 Km (NE)	9	Gur factory	2.39 (N)
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5. The project proposal falls under category–3(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 20/03/2023 mentioning is as follows:

1. I, Dr. Shibeswar Prasad, S/o Dr. Bisheshwar Prasad is EIA Coordinator of M/s Paramarsh Servicing Environment & Development.
2. I have prepared EIA/EMP report for the proposal no. SIA/UP/IND1/445319/2022 (File No. 8285-7455) of the client Shri Rakesh Kumar Gupta, M/s Amba Shakti Steels Limited for the project Expansion of existing production capacity of MS ingot/MS Billet from 90720 MTPA to 180000 MTPA and TMT Bar/MS Bar from 98000 MTPA to 180000 MTPA through induction furnace & CCM at 7th K.M. Meerut Road, District-Muzaffarnagar 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 in the expansion area for the present proposal.

4. I am satisfied with that all the necessary data/information submitted along with EIA/EMP report 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 is submitted after acceptance of application.
7. I state that all the TOR points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report.
8. The EIA/EMP report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO-05**

**The committee discussed the matter and recommended grant of Environmental clearance for the project proposal along with following standards environmental clearance conditions prescribed by MoEF&CC, Govt. of India. The committee also stipulated following additional conditions:**

**Additional Conditions:**

1. Proposed Action plan for mitigation/prevention of air pollution control (APCS) based on latest technology to be implemented to control the air emissions/fugitive emissions. In case of use of baghouses as APCS, the Project proponent should prefer installing Polytetra Fluoro Ethylene (PTFE) membrane filter.
2. Three tier belt shall be developed with native species all along the periphery of the project. The sapling's height at the time of plantation should be at least 2 metres tall. Regular report of the plantation to be submitted to the forest department and Directorate of Environment, U.P.
3. Performance test shall be conducted on all pollution control system every year from competent agency and report shall be submitted to Regional office of the MoEF& CC, Govt. of India and State Pollution Control Board.
4. Greening and paving shall be implemented in the plant area to arrest soil erosion and dust pollution exposed soil surface.
5. The project proponent shall obtain the required permissions from the concerned authority/department for establishment of the proposed project. No construction activity shall be done at site without obtaining the required permissions.
6. As per the proposed plan industry should install ETP for treating the waste water and treated water shall be reused for the industrial purpose and for dust separation.

**Standards environmental clearance conditions:**

- I. Statutory compliance:
  - I. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
  - II. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
  - III. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
  - IV. The project proponent shall obtain Consent to Establish I Operate under the

provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.

- V. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water and from the competent authority concerned in case of drawl of surface water required for the project.
  - VI. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- II. Air quality monitoring and preservation:
- I. 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 vide G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) 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.
  - II. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
  - III. The project proponent shall install system carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, and SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> 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. (case to case basis small plants: Manual; Large plants: Continuous)
  - IV. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality / fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
  - V. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources.
  - VI. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
  - VII. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors , roofs, regularly.
  - VIII. Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration.
  - IX. The project proponent shall use leak proof trucks /dumpers carrying coal and other raw materials and cover them with tarpaulin.
  - X. The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.
  - XI. The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.
  - XII. Design the ventilation system for adequate air changes as per ACGIH document for all tunnels , motor houses, Oil Cellars.
- III. Water quality monitoring and preservation:
- I. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF) as amended from time



- to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time) 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. (case to case basis small plants: Manual; Large plants: Continuous)
- II. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers /sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
  - III. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
  - IV. Adhere to 'Zero Liquid Discharge'.
  - V. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
  - VI. The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31st March 2012 (applicable to IF/EAF) as amended from time to time.
  - VII. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off
  - VIII. The project proponent shall practice rainwater harvesting to maximum possible extent.
  - IX. The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
- IV. Noise monitoring and prevention:
- I. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
  - II. The ambient noise levels should conform to the standards prescribed under E(P)A Rules , 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
- V. Energy Conservation measures
- I. The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.
  - II. Practice hot charging of slabs and billets /blooms as far as possible.
  - III. Ensure installation of regenerative type burners on all reheating furnaces .
  - IV. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
  - V. Provide the project proponent for LED lights in their offices and residential areas.
- VI. Waste management:
- I. Used refractories shall be recycled as far as possible.
  - II. Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused melting Furnaces
  - III. 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.
  - IV. The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.

- V. Kitchen waste shall be composted or converted to biogas for further use.(to be decided on case to case basis depending on type and size of plant).
- VII. Green Belt:
  - I. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant
  - II. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.
- VIII. Public hearing and Human health issues:
  - I. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  - II. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
  - III. 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.
  - IV. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- IX. Corporate Environment Responsibility:
  - I. 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.
  - II. 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 I wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest I wildlife norms / conditions and / or shareholders I stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
  - III. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
  - IV. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
  - V. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
  - VI. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the plants shall be implemented.
- X. Miscellaneous:
  - I. 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.

- II. 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.
- III. 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.
- IV. The project proponent shall monitor the criteria pollutants level namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- V. 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.
- VI. 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.
- VII. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- VIII. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- IX. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- X. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- XI. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- XII. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- XIII. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- XIV. 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.
- XV. 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.
- XVI. 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.

**6. “Ordinary Earth Mining Project”Gata No.- 26, 27Ba Village- Jari, Tehsil-Kalinagar, District- Pilibhit, Shri Sunil Swaroop, Area: 2.659Ha., 8287/SIA/UP/MIN/445394/2023**

**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 be opened only after request from the project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online requests on prescribed online portal.

**7. Expansion of Existing Sugar unit from 4500 TCD to 6500 TCD along with Expansion of Existing Cogen power from 6.5 MW to 9.5 at Village- Chaudhera, PostRosa Distt. – Shahjahanpur, Shri Pradeep Kumar Tomar, M/s Avadh Sugar & Energy Limited, Unit: Rosa Sugar Works, Rosa, Division: Sugar., 8289/7751/SIA/UP/IND2/445471/2023**

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 Environmental & Technical Research Centre. 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 Existing Sugar unit from 4500 TCD to 6500 TCD along with Expansion of Existing Cogen power from 6.5 MW to 9.5 at Village- Chaudhera, PostRosa Distt. –Shahjahanpur, U.P., M/s Avadh Sugar & Energy Limited, Unit: Rosa Sugar Works, Rosa, Division: Sugar.
2. The standard terms of reference in the matter were issued through online Parivesh Portal on 04/04/2023.
3. The public hearing was organized on 25/08/2023 and final EIA report submitted through online Parivesh Portal on 23/09/2023.
4. Industry obtained the Consent to establish from UPPCB for capacity 4500 TCD through letter no : H12308/C-7/N.O.C-639/Bareilly/2017 dated 19.11.2017.
5. Effluent from manufacturing process is treated in ETP and after expansion waste water will be treated in modified ETP capacity – 1400 KLD.
6. Salient features of the project:

Sr. No	Particulars	Details		
		Existing	Proposed expansion	After Expansion
1.	Nature and Size of Project	4500 TCD	2000 TCD	6500 TCD
2.	Locations Details			
	Village/City	Chaudhera		
	Tehsil	Rosa		
	District	Shahjahanpur		
	State	Uttar Pradesh		
3.	Area Details			
	Total Plant Area	Existing Industry: 9.0250 Ha (22.30 Acre) Proposed Expansion: Nil Total After Expansion : 9.0250 Ha (22.30 Acre) No change in the area of industry, expansion will be done within existing premises.		
	Greenbelt / Plantation Area	~ 33% of the project area has been provided as green belt. Same will be maintained after expansion also.		
4.	Cost Details			
	Total Project Cost	Existing Cost : Rs 33.90 Crore. Cost for proposed expansion: Rs 105.05 Crore. Total project cost after expansion: Rs 138.95 Crore.		

	Cost for Environment Management Plan	Capital Cost: Rs 955 Lakhs. Recurring Cost: Rs 230 Lakhs/Annum		
5.	Basic Requirements for the project			
	Water Requirement	Existing		After Proposed expansion
	Industrial (Fresh Water)	620 KLD (@ 0.137 KL/T of cane crush)		850 KLD (@ 0.130 KL/T of cane crush)
	Domestic (Fresh Water)	80 KLD		100 KLD
	Total Fresh Water requirement	700 KLD		950 KLD
	Source of Fresh Water	Ground water through Tube / Bore well.		
	Power Requirement	Existing power requirement – 5.3 MW, After proposed expansion 9.0 MW,		
	Man Power Requirement	Existing manpower of the plant is 420 nos and for proposed expansion, existing employees are capable of running the complete plant after expansion also. The total estimated manpower (indirect employment) after the proposed expansion shall be 456 Nos during the peak season		
6.	Fuel and Its Quantity	Bagasse is being and will be used as fuel. Existing requirement: 1260 TPD After proposed expansion: 1260 TPD (No Change)		
7.	Product Details	Existing	After Proposed Expansion	
a	Sugar	450 MT/Day	780 MT/Day	
b	Molasses (Byproduct)	225 MT/Day	325 MT/Day	
c	Bagasse (By product)	1300 MT/Day	1880 MT/Day	
d	Press Mud (By Product)	215 MT/Day	310 MT/Day	
e	Power	6.5 MW	9.5 MW	
8.	Steam requirement	Existing: 80 TPH After proposed expansion: 105 TPH		
	Source	Two (02) numbers boiler of capacity 70 TPH & 35 TPH is already installed.		
9.	Raw Material			
		Existing	Proposed expansion	After proposed expansion
	Sugar Cane Crushing	4500 TCD	2000 TCD	6500 TCD

**7. Land use details:**

Sr.No.	Land Use	Area in Sqm	Area in Percentage
1	Roof Top (Building, Covered Shed)	15448.0	17.11 %
2	Green Belt	29800.0	33.0 %
3	Road and Paved	8540.0	9.46 %
4	Open Area	13922.0	15.42 %
5	Plant & Machinery	22540.0	24.97 %
Grand Total		90250	100 %

**8. Product details:**

Product and its Quantity	Existing	After Expansion
	Sugar Cane 4500 TCD Crushing	Sugar Cane 6500 TCD Crushing
Sugar (Product)	450 MT/Day	780 MT/Day
Molasses (By Product)	225 MT/Day	325 MT/Day
Bagasse (By Product)	1300 MT/Day	1880 MT/Day
Press Mud (By Product)	215 MT/Day	310 MT/Day

**9. Raw material details:**

Sr. No.	Particulars	Existing	Proposed Expansion	Total after expansion	Source of the raw material & mode of transportations
1.	Sugar Cane	4500 T	2000 T	6500 T	From reserve area by tractor trolley /trucks
2.	Chemicals				
a.	Lime	8.1 T	-	7.8 T	Will be sourced from Lime Stone mines and transported by

					trucks.
b.	Sulphur	2.8 T	-	7.5 T	Will be purchased from Sulphur Manufacturers and will be transported by trucks
c.	Caustic Soda	2.8 T	-	2.8 T	Will be purchased from Caustic Soda Manufacturers and will be transported by trucks
d.	Common Salt	0.08 T	0.04 T	0.12 T	Will be sourced from Open Market.

**10. Water requirement details:**

Sr. No.	Particulars	Existing KLD	Proposed KLD	Total KLD	Source
1.	Industrial (Season)	620	230	850	Ground Water through Tube-well
AND					
2.	Domestic water requirement	80	20	100	
	Grand Total	700	250	950	
3.	Waste Water generation	900	400	1300	Maximum effluent generation is being and will be @ 0.2 KL / Ton of Cane Crushed.
	Waste water treatment	After expansion effluent generation will be 1300 KLD. Effluent will be treated in ETP of capacity 1400 KLD. Existing Effluent Treatment plant capacity is 900 KLD. Existing ETP will be modified to 1400 KLD capacity.			

**11. Solid waste details:**

DOMESTIC SOLID WASTE				
Category	Type of Waste	Colour of Bins	Disposal Method	Total Waste (Kg/day)
Bio Degradable	Organic Waste	Green	Organic waste converter within the project site	70
Non-Biodegradable	Recyclable Waste	White	Authorized Recycler	23
Non-Biodegradable	Inert Waste	Black	Nearby Landfill Site	23
	Total			116 Kg/day

Name of Solid waste	Existing capacity	Total After Expansion	Management Plan
Boiler ash	22.68 MT/Day	22.68 MT/Day (No Change)	Boiler ash is being / will be supplied to the brick manufacturer.
ETP Sludge	3.159 MT/Day	4.722 MT/Day	ETP Sludge is being / will be given to the farmers.
Press Mud	215 MT/Day	310 MT/Day	Press mud is being / will be given to the farmers.

**12. The project proposal falls under category-5(j) of EIA Notification, 2006 (as amended).**

The consultant (EIA Coordinator) also submitted an affidavit dated 14/10/2023 mentioning is as follows:

1. I, Manoj Garg, S/o Late Shri Surendra Kumar Garg is EIA Coordinator of M/s Environmental & Technical Research Centre.
2. I have prepared EIA/EMP report for the Expansion of Existing Sugar unit from 4500 TCD to 6500 TCD along with Expansion of Existing Cogen power from 6.5 MW to 9.5 at Village-Chaudhera, PostRosa Distt. –Shahjahanpur, U.P., M/s Avadh Sugar & Energy Limited, Unit: Rosa Sugar Works, Rosa, Division: Sugar with my team.
3. I have personally visited the site of proposal and certify that no construction activity has been undertaken on the project site for the present proposal.

4. I am satisfied with that all the necessary data/information submitted along with EIA/EMP are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is 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. 07**

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

**Specific Conditions:**

- I. Three tier green belt shall be developed with native species all along the periphery of the project. Site survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years (Miyawaki method to be adopted for plantation)
- II. Performance test shall be conducted on all pollution control system every year and report shall be submitted to Regional office of the MoEF and CC.
- III. Greening and paving shall be implemented in the plant area to arrest soil erosion and dust pollution exposed soil surface.
- IV. Properly covered vehicles shall be used while transporting material and product.
- V. Allergy test should also be included in health checkup of works.
- VI. Industry should comply with the CPCB charter guidelines for sugar units and treated water shall be used for the different purposes as per the requirement in industry..

**Standard environmental clearance conditions:**

**I. Statutory compliance:**

- I. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- II. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- III. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden, if applicable. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six - monthly compliance report. (in case of the presence of schedule-I species in the study area).
- IV. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
- V. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- VI. 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

**II. Air quality monitoring and preservation:**

- I. 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.
- II. The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx 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.
- III. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six- monthly monitoring report.
- IV. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
- V. 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.
- VI. 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.
- VII. 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.
- VIII. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.

**III. Water quality monitoring and preservation**

- I. For 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 and connected to SPCB and CPCB online servers.
- II. 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.
- III. 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.
- IV. 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.
- V. Generated effluent shall be treated in ETP and treated effluent shall conform the standard under the EP Act, 1986/CPCB/MoEF&CC and treated water from ETP



shall be used for irrigation.

- VI. 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.

**IV. Noise monitoring and prevention**

- I. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
- II. 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.
- III. 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 night time

**V. Energy Conservation measures**

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

**VI. Waste management**

- I. 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.
- II. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt, if hazardous shall be disposed off to the TSDF.
- III. **The company shall undertake waste minimization measures wherever feasible 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

**VII. Green Belt**

- I. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.

**VIII. Safety, Public hearing and Human health issues**

- I. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- II. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- III. 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.

- IV. 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.
- V. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- VI. 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

**IX. Corporate Environment Responsibility**

- I. 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.
- II. 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 I conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- III. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive , who will directly to the head of the organization.
- IV. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- V. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

**X. Miscellaneous**

- I. 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.
- II. 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.
- III. 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.
- IV. The project proponent shall monitor the criteria pollutants level namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
  - V. 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.
  - VI. 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.
  - VII. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
  - VIII. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
  - IX. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
  - X. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
  - XI. Concealing factual data or submission of false /fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
  - XII. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
  - XIII. The Ministry reserves the right to stipulate additional conditions if found necessary.
  - XIV. The Company in a time bound manner shall implement these conditions.
  - XV. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
  - XVI. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
  - XVII. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**8. "Building Stone (Granite Khanda, Boulder, Bailast (Gitti))" Project at Gata No.- 01 (Khand No.- 10), Village- Baghwa, Tehsil- Mahoba, District- Mahoba, Shri Sanjay Kumar Sahu, Area : 3.240 ha., 8291/SIA/UP/MIN/445469/2023**

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

1. The terms of reference is sought for Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining at Gata No.- 01 (Khand No.- 10), Village- Baghwa, Tehsil- Mahoba, District- Mahoba, U.P. (Applied Area- 3.240 ha.), M/s C.P.S.K. Ventures Pvt. Ltd.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/445469/2023		
2.	File No. allotted by SEIAA, UP	8291		
3.	Name of Proponent	M/s C.P.S.K. Ventures Pvt. Ltd., Director- Shri Sanjay Kumar Sahu S/o Shri Chhanga Prasad Sahu		
4.	Full correspondence address of proponent	R/o- Kidwai Nagar, Kabrai, Tehsil & District- Mahoba, U.P.		
5.	Name of Project	Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 01 (Khand No.- 10)		
7.	Name of Village	Baghwa		
8.	Tehsil	Mahoba		
9.	District	Mahoba		
10.	Name of Minor Mineral	Building Stone (Granite Khanda, Boulder, Bailast (Gitti))		
11.	Sanctioned Lease Area (in Ha.)	3.240 ha.		
12.	Max.& Min mRL within lease area	181 mRL- 163 mRL		
13.	Pillar Coordinates(Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 24' 19.96"N	80° 00' 36.63"E
		B	25° 24' 17.94"N	80° 00' 41.05"E
		C	25° 24' 16.49"N	80° 00' 41.67"E
		D	25° 24' 12.98"N	80° 00' 36.00"E
		E	25° 24' 16.70"N	80° 00' 31.67"E
14.	Total Geological Reserves	4505712 m <sup>3</sup>		
15.	Total Mineable Reserves	843095 m <sup>3</sup>		
16.	Total Proposed Production (in five year)	250000 m <sup>3</sup>		
17.	Proposed Production / year	50000 m <sup>3</sup>		
18.	Sanctioned Period of Mine lease	10 Years		
19.	Method of Mining	Opencast Semi-Mechanized		
20.	No.Of workers	36 (approx.)		
21.	Type of Land	Govt. revenue land		
22.	Nearest metalled road from site	350m		
23.	Water Requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking & Others		0.40
		Suppression of dust		2.10
		Plantation		4.00
		Total		6.50
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/2124/RA0224, Validity-01/05/2024		
25.	Any litigation pending against the project or land in any court	No		
26.	Details of 500 m Cluster certificate Verified by Mining Officer	DMO, Mahoba vide Letter No. 364/MMC-30/2023-24, Dated 09 <sup>th</sup> June, 2023		
27.	Details of Lease Area in approved DSR	Correction Letter No.-1099/MMC-30-khanij (2023-		

		24), Dated 16-10-2023 for Page No.-01, S.No.- 02
28.	Monitoring Period	March-May 2023
29.	Proposed CER cost	1.50 Lakh
30.	Proposed EMP cost	EMP in First Year – 19.70 Lakh EMP (Recurring Years) – 8.35 Lakh
31.	Length and breadth of Haul Road.	Length- 350m, Width- more than 6.0 m
32.	No. of Trees to be Planted	4000

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 22/09/2023 mentioning is as follows:

1. I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I will prepared EIA report for EC in the name of M/s C.P.S.K. Ventures Pvt. Ltd., Director- Shri Sanjay Kumar Sahu S/o Shri Chhanga Prasad Sahu for the “Building Stone (Granite Khanda, Boulder, Bailast (Gitti))” Project at Gata No.- 01 (Khand No.- 10), Village- Baghwa, Tehsil- Mahoba, District- Mahoba, U.P. (Applied Area : 3.240 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 EIA are true and correct.
5. I certify that this project proposal has been uploaded for the first time 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 is submitted after acceptance of application.
7. I state that all the TOR Points will be complied and all the issues raised during Public Hearing will be properly addressed in EIA report.
8. The EIA report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

#### **RESOLUTION AGAINST AGENDA NO. 08**

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

#### **Additional TOR:**

1. Since no intimation letter has been submitted regarding collection of baseline monitoring data, hence monitoring data will be collected after issuance of ToR.
2. To ensure proper monitoring, the project proponent/consultant should provide evidence in form 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.

3. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
4. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
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. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
7. Combined KML of all mines in a cluster should be submitted at the time of EIA.
8. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
9. 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.
10. 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.
11. 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.
12. 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.
13. 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.
14. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
15. Proponent to submit latest status of project site along with the site photographs and also provide mined minerals record of the respective project site at the time of EIA presentation.

**9. “Building Stone (Granite Khanda, Boulder, Bailast (Gitti))” Project at Gata No.- 1939 (KhandNo.- 05), Village- Pahra, Tehsil- Mahoba, District- Mahoba, Shri Jaiwant Singh, Area : 1.619 ha., 8293/7766/SIA/UP/MIN/445607/2023**

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

1. The environmental clearance is sought for Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining at Gata No.- 1939 (Khand No.- 05), Village- Pahra, Tehsil- Mahoba, District- Mahoba, U.P. (Applied Area- 1.619 ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 82/Parya/SEIAA/7766/2022, dated: 09/06/2023.

3. The Public Hearing was organized on 25/08/2023. Final EIA report submitted by the project proponent on 24/09/2023.

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

1.	On-line proposal No.	SIA/UP/MIN/445607/2023												
2.	File No. allotted by SEIAA, UP	8293 / 7766												
3.	Name of Proponent	Shri Jaiwant Singh S/o Shri Ranjeet Singh												
4.	Full correspondence address of proponent	R/o- Village - Pahra, Tehsil & District- Mahoba, U.P.												
5.	Name of Project	Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining Project												
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 1939 (Khand No.- 05)												
7.	Name of Village	Pahra												
8.	Tehsil	Mahoba												
9.	District	Mahoba												
10.	Name of Minor Mineral	Building Stone (Granite Khanda, Boulder, Bailast (Gitti))												
11.	Sanctioned Lease Area (in Ha.)	1.619 ha.												
12.	Max.& Min mRL within lease area	175 mRL- 164 mRL												
13.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N)	Longitude (E)										
		A	25° 21' 34.11"N	80° 04' 05.02"E										
		B	25° 21' 29.74"N	80° 04' 11.71"E										
		C	25° 21' 28.21"N	80° 04' 10.35"E										
		D	25° 21' 32.22"N	80° 04' 03.15"E										
14.	Total Geological Reserves	1323681 m <sup>3</sup>												
15.	Total Mineable Reserves	281610 m <sup>3</sup>												
16.	Total Proposed Production (in five year)	259040 m <sup>3</sup>												
17.	Proposed Production / year	51808 m <sup>3</sup>												
18.	Sanctioned Period of Mine lease	10 Years												
19.	Method of Mining	Opencast Semi-Mechanized												
20.	No.Of workers	36 (approx.)												
21.	Type of Land	Govt. revenue land												
22.	Nearest metalled road from site	100m												
23.	Water Requirement	<table><tr><td>PURPOSE</td><td>REQUIREMENT (KLD)</td></tr><tr><td>Drinking &amp; Others</td><td>0.40</td></tr><tr><td>Suppression of dust</td><td>0.60</td></tr><tr><td>Plantation</td><td>2.00</td></tr><tr><td>Total</td><td>3.00</td></tr></table>			PURPOSE	REQUIREMENT (KLD)	Drinking & Others	0.40	Suppression of dust	0.60	Plantation	2.00	Total	3.00
PURPOSE	REQUIREMENT (KLD)													
Drinking & Others	0.40													
Suppression of dust	0.60													
Plantation	2.00													
Total	3.00													
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh Servicing Environment and Development, Lucknow, U.P. QCI/NABET/EIA/2124/RA0224, Validity- 01/05/2024												
25.	Any litigation pending against the project or land in any court	No												
26.	Details of 500 m Cluster certificate Verified by Mining Officer	DMO, Mahoba vide Letter No. 3056/ MMC-30/2022-23, Dated 09.02.2023												
27.	Details of Lease Area in approved DSR	Correction Letter vide letter no. 705/MMC-30-khanij/2022-23, Page No.-01, S.No.- 10												
28.	Proposed CER cost	1.40 Lakh												
29.	Proposed EMP cost	EMP in First Year - 13.80 Lakh EMP (Recurring Years) – 7.05 Lakh												
30.	Length and breadth of Haul Road.	Length- 100m, Width- more than 6.0 m												
31.	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 22/09/2023 mentioning is as follows:

1. I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I have prepared EIA report for EC in the name of Shri Jaiwant Singh S/o Shri Ranjeet Singh for the Proposed "Building Stone (Granite Khanda, Boulder, Bailast (Gitti))" Project at Gata No.- 1939 (Khand No.- 05), Village- Pahra, Tehsil- Mahoba, District- Mahoba, U.P. (Applied Area : 1.619 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 EIA 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 report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 09**

**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. Project Proponent should submit action plan for carrying out plantation at least @1,000 plants / ha of lease area. In this case, PP should prepare a plan, duly approved either by Forest Department or District plantation committee, for planting at least (as per the project) plants, either on government land or community land, within a periphery of 5 km from the boundary of the lease area along with provisions for maintenance for 5 years. Survival of plants should not be less than the survival rate notified by Uttar Pradesh Forest Department otherwise it will be treated as violation of EC condition.
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 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.
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
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 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 Forest Department, UPPCB and Directorate of Environment, UP.

**10. "Building Stone (Granite Khanda, Boulder, Bailast (Gitti))" Project at Gata No.- 339 (KhandNo.- 34), Village- Daharra, Tehsil- Mahoba, District- Mahoba, Shri Yogendra Singh, Area : 1.214 ha., 8295/7699/SIA/UP/MIN/445614/2023**

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

1. The environmental clearance is sought for Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining at Gata No.- 339(Khand No.- 34), Village- Daharra, Tehsil- Mahoba, District- Mahoba, U.P. (Applied Area- 1.214 ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 88/Parya/SEIAA/7699/2023, dated: 09/06/2023.
3. The Public Hearing was organized on 25/08/2023. Final EIA report submitted by the project proponent on 24/09/2023.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/445614/2023												
2.	File No. allotted by SEIAA, UP	8295-7699												
3.	Name of Proponent	Shri Yogendra Singh S/o Shri Guruprasad Singh												
4.	Full correspondence address of proponent	R/o- Village -Tikri Bujurg, Thana & Tehsil Maudaha, District- Hamirpur, U.P.												
5.	Name of Project	Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining Project												
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 339(Khand No.- 34)												
7.	Name of Village	Daharra												
8.	Tehsil	Mahoba												
9.	District	Mahoba												
10.	Name of Minor Mineral	Building Stone (Granite Khanda, Boulder, Bailast (Gitti))												
11.	Sanctioned Lease Area (in Ha.)	1.214 ha.												
12.	Max.& Min mRL within lease area	197 mRL- 185 mRL												
13.	Pillar Coordinates(Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillars</th><th>Latitude (N)</th><th>Longitude (E)</th></tr> </thead> <tbody> <tr> <td>A</td><td>25° 20' 04.60"N</td><td>79° 58' 10.68"E</td></tr> <tr> <td>B</td><td>25° 20' 04.86"N</td><td>79° 58' 14.15"E</td></tr> <tr> <td>C</td><td>25° 19' 59.88"N</td><td>79° 58' 14.96"E</td></tr> </tbody> </table>	Pillars	Latitude (N)	Longitude (E)	A	25° 20' 04.60"N	79° 58' 10.68"E	B	25° 20' 04.86"N	79° 58' 14.15"E	C	25° 19' 59.88"N	79° 58' 14.96"E
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C	25° 19' 59.88"N	79° 58' 14.96"E												

		D	25° 20' 02.03"N	79° 58' 10.76"E
14.	Total Geological Reserves	1180388 m <sup>3</sup>		
15.	Total Mineable Reserves	220291 m <sup>3</sup>		
16.	Total Proposed Production (in five year)	194240 m <sup>3</sup>		
17.	Proposed Production / year	38848 m <sup>3</sup>		
18.	Sanctioned Period of Mine lease	10 Years		
19.	Method of Mining	Opencast Semi-Mechanized		
20.	No.Of workers	35 (approx.)		
21.	Type of Land	Govt. revenue land		
22.	Nearest metalled road from site	100m		
23.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking & Others	0.40	
		Suppression of dust	0.60	
		Plantation	2.00	
		Total	3.00	
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/2124/RA0224, Validity-01/05/2024		
25.	Any litigation pending against the project or land in any court	No		
26.	Details of 500 m Cluster certificate Verified by Mining Officer	DMO, (Khanan Anubhag) Mahobavide Letter No. 2772/ MMC-30/2022-23, Dated 12.01.2023		
27.	Details of Lease Area in approved DSR	Correction Letter Page No.-01, S.No.- 5		
28.	Proposed CER cost	1.40 Lakh		
29.	Proposed EMP cost	EMP in First Year – 13.80 Lakh EMP (Recurring Years) – 7.05 Lakh		
30.	Length and breadth of Haul Road.	Length- 100m, Width- more than 6.0 m		
31.	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 22/09/2023 mentioning is as follows:

1. I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I have prepared EIA report for EC in the name of Shri Yogendra Singh S/o Shri Guruprasad Singh for the Proposed “Building Stone (Granite Khanda, Boulder, Bailast (Gitti))” Project at Gata No.- 339 (Khand No.- 34), Village- Daharra, Tehsil- Mahoba, District- Mahoba, U.P. (Applied Area : 1.214 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 EIA are true and correct.
5. I certify that this project proposal has been uploaded for the first time 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. 10**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to these minutes. The committee also stipulated the following specific conditions:**

1. Project Proponent should submit action plan for carrying out plantation at least @1,000 plants / ha of lease area. In this case, PP should prepare a plan, duly approved either by Forest Department or District plantation committee, for planting at least (as per the project) plants, either on government land or community land, within a periphery of 5 km from the boundary of the lease area along with provisions for maintenance for 5 years. Survival of plants should not be less than the survival rate notified by Uttar Pradesh Forest Department otherwise it will be treated as violation of EC condition.
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 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.
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
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 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 Forest Department, UPPCB and Directorate of Environment, UP.

**11. Commercial Residential Project “Shalimar Sky Garden” at Plot No. TC-47 & 48, Vibhuti Khand, Gomti Nagar, Lucknow, Shri Sheo Janam Chaudhari., M/s Supreme Real Estate Developers Pvt. Ltd., 8297/SIA/UP/INFRA2/445106/2023**

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 ENV DAS (India) Pvt. Ltd., Lucknow. 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 Commercial Residential Project “Shalimar Sky Garden” at Plot No. TC-47 & 48, Vibhuti Khand, Gomti Nagar, Lucknow, M/s Supreme Real Estate Developers Pvt. Ltd.
2. Area details of the project:

Sl. No.	Description	Area (m <sup>2</sup> )	Percentage/total
	Total Plot Area	13067.82	
2.	Net Plot Area (available)	13058.19	100%
3.	Green Area Required (since land purchased from LDA)	1305.81	10%
4.	Green Area Proposed	1759.20	13.46%
5.	Permissible Ground Coverage	5876.19	45.00%
6.	Proposed Ground Coverage	4809.60	36.83%
7.	Permissible FAR	26,116.38	2.0
8.	Permissible Paid FAR	13,058.19	1.0
9.	Total Permissible FAR area with Paid FAR	39,174.57	3.0
10.	Total Proposed FAR	39024.88	2.99
11.	Non-FAR Area		
	Basement	20,438.50	
	Balcony	4256.15	
	Fire Tower & Mumty	1661.62	
	Lift Lobby & M/c room & Bridge	448.89	
	Total Non-Far Area	26684.46	
12.	Built up Area (FAR+Non FAR)	65709.34	
13.	Number of floors	2B+G+Podium+22	
14.	No. of towers	1	
15.	Height of the building	93.75 m	
16.	Total no. of Units		
	Residential	122 Units	
	Retail shops @GF	12 nos	
	Retail shops @FF	11 nos	
17.	Power	Power: 1750 KW	Source: Power Corporation
	Electric load		
	Backup	DG Set Capacity:1500 KVA+1250 KVA	
18.	Parking Details		
	Parking Required	339 ECS	
	Parking Proposed	433 ECS	

3. Land use details:

Sl. No	Details	Area(m <sup>2</sup> )
1.	Ground Coverage	4809.60
2.	Green Area	1759.2
3.	Internal road circulation and other services	6489.39

4. Water requirement details:.

Sl. No.	Water Description	unit	Total Occupancy	Rate of water demand (lpcd)	Total Fresh Water (KLD)	Total Flushing /Recycled water (KLD)	Total Water Requirement (KLD)
1.	Residential	122 units	816	Fresh Water @ 65 LPCD Flushing Water @ 21 LPCD	53.50	17.50	71.00
2.	Visitors	--	85	Fresh Water @ 5 LPCD Flushing Water @ 10 LPCD	0.50	1.00	1.50
3.	Retail Shop Fixed		369	Fresh Water @ 25 LPCD Flushing Water @ 20 LPCD	9.50	7.50	17.00
	Floatin g		2421	Fresh Water @ 5 LPCD Flushing Water @ 10 LPCD	12.00	24.50	36.50
4.	Facility (Banquet & Restaurant)		150	Fresh Water @ 25 LPCD Flushing Water @ 10 LPCD	4.00	1.50	5.50
5.	Swimming Pool makeup water				2.50		2.50
6.	Filter backwash WTP Swimming Pool				6.50 4.00		10.50
7.							
Total Domestic Water					92.50 Say 93.00	52.00	144.50 Say 145.00
8.	Landscape		1759.20 m <sup>2</sup>	Non-monsoon @ 5l/m <sup>2</sup>		9.0	9.00
				Monsoon @ 1l/m <sup>2</sup>		2.0	2.0
					Grand Total (Non-Monsoon) = 154 KLD Grand Total (Monsoon) = 147 KLD		

**5. Waste water details:**

Fresh Water	93 KLD
Flushing	52 KLD
Horticulture / Landscape	9 KLD (Non Monsoon) 2 KLD (Monsoon)
Recycled water	105 KLD (Non Monsoon) 99 KLD (Monsoon)
Total Water Requirement	154 KLD (Non Monsoon) 147 KLD (Monsoon)
Total Waste Water Generation	130 KLD
Source of water – Municipal Water Supply/ Ground Water/Recycled water	
STP Capacity: 170 KLD (MBR)	

**6. Proposed parking:**

<b>Required Parking</b>	
Total no. of Parking Required (as per guidelines)	339 ECS

<b>Parking Provided</b>	
Total Parking Provided (Including Visitors Parking)	433 ECS

**7. Solid waste details:**

S. No.	Particulars	Population	Waste generated in kg/day
1.	Residential (@0.5kg/day)	816	408.0
2.	Visitors (@0.15kg/day)	85	12.75~13.0
3.	Retail (@ 0.25kg/day)	2690	672.5 ~ 673.0
4.	Facility (@0.15kg/day)	150	22.5~23.0
Total Solid Waste generated			1,117 kg/day
Horticulture Waste (@ .0037/m <sup>2</sup> /day)			7.00 kg/day
E-Waste (0.15 kg/c/yr)			Approx. < 1 kg/day
STP sludge (0.04 kg/KLD of waste water)			7.00 kg/day

**8. Power requirement details:**

<b>Power Requirement</b>	
Source	UPPCL
Backup power supply arrangement	2 DG Set Capacity:1500 KVA+1250 KVA

**9. The project proposal falls under category-8(a) of EIA Notification, 2006 (as amended).**

The consultant (EIA Coordinator) also submitted an affidavit dated 17/10/2023 mentioning is as follows:

1. I, Atulesh Kumar, S/o Shri Rajnath is EIA Coordinator of M/s ENV DAS (India) Pvt. Ltd.
2. I have prepared Form-1, form-1A, conceptual Plan for Commercial Residential Project “Shalimar Sky Garden” at Plot No. TC-47 & 48, Vibhuti Khand, Gomti Nagar, Lucknow, M/s Supreme Real Estate Developers Pvt. Ltd. with my team.
3. I have personally visited the project site and certify that no construction activity has been undertaken on the project site for the present proposal. However, the site is already pre-excavated.
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 has been uploaded for second time on Parivesh Portal. However, the previous project bearing file No. 8050 (Proposal no. SIa/UP/INFRA2/434454/2023) has been successfully withdrawn due to the change in name of the project from “Shalimar Crest” to “Shalimar Sky Garden”.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and hard copy/presentation submitted which will be submitted after acceptance of application.
7. The EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/ NABET.

**RESOLUTION AGAINST AGENDA NO. 11**

**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. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
2. Project proponent should ensure that there will be no use of “Single use of Plastic” (SUP).

3. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
4. The project proponent will ensure that there is no mismatch/deviation between the project proposal submitted to SEIAA for environmental clearance and maps/drawings were approved by concerned development authority. In case of any mismatch/deviation, amended environmental clearance will be obtained by project proponent. In case of failure, the granted environmental clearance shall automatically deem to be cancelled.
5. The proponent should provide electric vehicle charging facility as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
6. The project proponent should develop green belt in the housing scheme as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms. The project proponent will prepare working plan of plantation/green belt development showing type of plant species and their spacing in consultation with subject expert/ forest department and submit to the forest department and concerned regulatory authority and ensure their survival and sustainability
7. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
8. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
9. The project proponent will ensure full exploitation of potential of rain water harvesting for storage and recharging and also treated wastewater in order to reduce the withdrawal of fresh water and accordingly use the three sources of water supply namely stored rain water, treated wastewater and the fresh water. The project proponent shall also provide a flow measuring device along with flow integrator for monitoring the various sources of water supply namely fresh water, treated waste water and stored harvested rain water. The project proponent will submit revised water mass balance in the light of above to the directorate of Environment and the concerned regulatory authorities.
10. The project proponent will ensure the quality of construction water as per standards and specifications of relevant codes in order to prevent possible corrosion in concrete, reinforcements and other structural components in order to avoid adverse social and environmental impacts.
11. The project proponent will ensure exploitation of maximum possible potential of solar energy generation in the proposed project area and prefer to use it instead of conventional electricity in order to reduce the Green House Gas Emission causing climate change.
12. The project proponent will make necessary arrangement to get Structural auditing conducted by an expert institution once in 5 years during life span of the building to ensure safe life of the residents and prevent environmental and social hazards.

**Standard Environmental Clearance Conditions prescribed by MoEF&CC:**

1. Statutory compliance:
  1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
  2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
  3. 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.
  4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.

5. 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.
6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
2. Air quality monitoring and preservation:
  1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
  2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
  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 PM25) covering upwind and downwind directions during the construction period.
  4. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
  5. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
  6. Wet jet shall be provided for grinding and stone cutting.
  7. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
  8. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
  9. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
  10. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
  11. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Water quality monitoring and preservation:
  1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swailes, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
  2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
  3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
  4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record



- shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
  6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
  7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
  8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
  9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
  10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
  11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
  12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
  13. All recharge should be limited to shallow aquifer.
  14. No ground water shall be used during construction phase of the project.
  15. Any ground water dewatering should be properly managed and shall conform to the a approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
  16. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
  17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
  18. No sewage or untreated effluent water would be discharged through storm water drains.
  19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
  20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
  21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
4. Noise monitoring and prevention:

1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
5. Energy Conservation measures:
  1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
  2. Outdoor and common area lighting shall be LED.
  3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
  4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
  5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
  6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
6. Waste Management :
  1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
  2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
  3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
  4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
  5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
  6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
  7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.

8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25<sup>th</sup> January, 2016. Ready mixed concrete must be used in building construction.
  9. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
  10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
7. Green Cover:
1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
  2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
  3. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
  4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
8. Transport:
1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
    - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
    - b. Traffic calming measures.
    - c. Proper design of entry and exit points.
    - d. Parking norms as per local regulation.
  2. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
  3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
9. Human health issues :
1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
  2. For indoor air quality the ventilation provisions as per National Building Code of India.
  3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  4. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

5. Occupational health surveillance of the workers shall be done on a regular basis.
6. A First Aid Room shall be provided in the project both during construction and operations of the project.
10. 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.
11. Miscellaneous:
  1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
  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 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.
  5. 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.
  6. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
  7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
  8. 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.
  9. 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).
  10. 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.
  11. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

12. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
13. 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.
14. 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.
15. 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.

**12. Industrial Building (Republic Media House), Telecommunication/Media House project at Plot No. 10, Sector-158, Noida, Gautam Budh Nagar, Shri Mohit Dhamne, M/s ARG Outlier Media Pvt. Ltd., 7943/SIA/UP/INFRA2/431336/2023**

The Secretariat informed the committee that the matter was earlier listed in 770<sup>th</sup> SEAC meeting dated 04/07/2023 and directed the project proponent is as follows:

*“The committee discussed the matter and in principal SEAC is agreed to recommended environmental clearance for the project. However, project proponent submit structural stability certificate for the proposal. After getting the structural stability certificate EC may be recommended.”*

The project proponent submit the structural stability certificate on 09/08/2023 issued by IIT, Roorkee vide its letter no. CED-6389/22-23/IR, dated 25/08/2023 and the matter was listed for reply presentation in 801<sup>st</sup> SEAC meeting dated 18/10/2023.

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 Ascenso Enviro Pvt. Ltd. The project proponent informed the committee that construction activity has been started after obtaining CTE for approved sanction area with builtup area less than 20,000 sqm. But later on, during the planning project was revised and total built up area become more than 20,000 sqm. Construction at the site has been started after taking CTE for the previous sanctioned plan.

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 Industrial Building (Republic Media House), Telecommunication/Media House project at Plot No. 10, Sector-158, Noida, Gautam Budh Nagar, U.P., M/s ARG Outlier Media Pvt. Ltd.
2. Area details of the project:

S. No.	Particulars	Area (m <sup>2</sup> )
1.	Total Plot Area	18821.000
2.	Total Permissible FAR @1.0	18821.000
3.	Total FAR Proposed	18818.441
4.	Permissible Ground coverage @55%	10351.550
5.	Proposed Ground coverage	7319.293
6.	Open Area (Total Plot Area – Proposed Ground Coverage)	8469.450
7.	Non-FAR Area	5545.522

	A. Basement	5545.522
	Total NON-FAR AREA	
8.	Perm. 15% of FAR Area for Services	2823.150
9.	Proposed Service Area	2543.116
10.	Total Built-up Area (S. No. 3 +7+ 9)	26907.079
11.	Required Green Area (@50%of Open Area)	4234.725
12.	Proposed Green Area (@87.75%of Open Area)	7432.430

3. Floor wise area details:

FLOORS	ENVELOPE	CUTOUT/ DEDUCTION	COVERED AREA	SERVICES	F.A.R. AREA	NON- F.A.R. AREA
BASEMENT	5740.280		5740.280	194.758		5545.522
GROUND FLOOR	7319.293		7319.293	768.755	6550.538	
1 <sup>ST</sup> FLOOR	5754.560	29.151	2777.409	266.452	2510.957	
2 <sup>ND</sup> FLOOR	5732.616	183.320	5549.296	319.364	5229.932	
3 <sup>RD</sup> FLOOR	3886.739	1551.400	2335.339	220.992	2114.348	
4 <sup>TH</sup> FLOOR	1899.632	451.660	1447.972	373.896	1074.076	
5 <sup>TH</sup> FLOOR	775.333	4.866	770.467	217.828	552.640	
6 <sup>TH</sup> FLOOR	624.267	4.866	619.401	66.761	552.640	
7 <sup>TH</sup> FLOOR	304.938	4.866	300.072	66.761	233.310	
TEERACE	47.550		47.550	47.550		
TOTAL	32085.208	5178.129	26907.079	2543.116	18818.441	5545.522

4. Parking details:

PARTICULARS	Total AREA (Sq. m.)	Parking Area (Sq. m.)	AREA (Sq. m.) Proposed for ECS	TOTAL NO. OF CAR PARKING PROPOSED
Basement	5545.522	5186.61	18	288
	TOTAL			288 ECS

5. Water requirement details:

S. No.	Description	Population/La nd Area in Sqm	Unit water consumpti on (litres)	Total water require d (KLD)	Water requireme nt for domestic use (KLD)	Flushin g water (KLD)	Total Wastewat er (KLD)
1	Population	2400	45	108.00	60.00	48.00	86.40
2	Visitor/Floating Population	60	15	0.90	0.60	0.30	0.72
3	Staff Population	120	45	5.40	3.00	2.40	4.32
4	Horticulture	7432.43	3	22.30	.....	.....	.....
5	Fire Fighting, if required	.....	.....	20.00	.....	.....	.....
6	HVAC Cooling water			30.00			
	Total Water Requirement			186.60	63.60	50.70	91.44
				says 187	says 64	says 51	says 92

6. Waste water details:

Details	Water (KLD)
Water requirement for domestic purpose	64
Wastewater to be generated from domestic use (@80% of domestic water requirement)= 51.2 KLD	51.2
Water requirement for Flushing Purpose	51
Wastewater to be generated from Flushing (@80% of flushing requirement)	40.8
Total Wastewater to be generated (51.2+ 40.8)KLD= 92 KLD	92
Total Treated Water available after STP Treatment (@ 90% of waste water)= 82.8 KLD	83

or say 83 KLD	
STP Proposed (higher than waste water)	95

7. Solid waste to be generated from the project will be 387 kg/day.

8. Landscape plan:

S. No.	Details	Area in Sq. m.
1.	Proposed Green Area	7432.430
2.	Required Number of Trees (1 tree/80 sq.m. of total plot area)	235 No's
3.	Proposed Number of Trees	250 No's

9. The project proposal falls under category-8(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 03/07/2023 mentioning is as follows:

1. I, Purushottam Sharma, S/o Shri Rajendra Prasad Sharma is EIA Coordinator of M/s Ascenso Enviro Pvt. Ltd.
2. I have prepared Form-1, form-1A, conceptual Plan & EMP report for the EC Proposal Industrial Building (Republic Media House), Telecommunication/Media House project at Plot No. 10, Sector-158, Noida, Gautam Budh Nagar, M/s ARG Outlier Media Pvt. Ltd., with my team.
3. I have personally visited the project site and certify that construction activity has been started after obtaining CTE for approved sanction area with builtup area less than 20,000 sqm. But later on, during the planning project was revised and total built up area become more than 20,000 sqm. Construction at the site has been started after taking CTE for the previous sanctioned plan.
4. I am satisfied with that all the necessary data/information submitted along with application are true and correct.
5. I certify that this project has been uploaded for first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and hard copy/presentation submitted which will be submitted after acceptance of application.
7. The Form-1, form-1A, conceptual Plan & EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/ NABET.

### **RESOLUTION AGAINST AGENDA NO. 12**

**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. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
2. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
3. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
4. The project proponent will ensure that there is no mismatch/deviation between the project proposal submitted to SEIAA for environmental clearance and maps/drawings were approved by concerned development authority. In case of any mismatch/deviation, amended environmental clearance will be obtained by project proponent. In case of failure, the granted environmental clearance shall automatically deem to be cancelled.
5. The proponent should provide electric vehicle charging facility as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.

6. The project proponent should develop green belt in the housing scheme as per the plan submitted and also follow the guidelines of CPCB/Development authority for green belt as per the norms. The project proponent will prepare working plan of plantation/green belt development showing type of plant species and their spacing in consultation with subject expert/ forest department and submit to the forest department and concerned regulatory authority and ensure their survival and sustainability
7. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
8. Proponent shall provide the dual pipeline network in the project for utilization of treated water of STP for different purposes and also provide the monitoring mechanism for the same. STP treated water not to be discharged outside the premises without the permission of the concerned authority.
9. The project proponent will ensure full exploitation of potential of rain water harvesting for storage and recharging and also treated wastewater in order to reduce the withdrawal of fresh water and accordingly use the three sources of water supply namely stored rain water, treated wastewater and the fresh water. The project proponent shall also provide a flow measuring device along with flow integrator for monitoring the various sources of water supply namely fresh water, treated waste water and stored harvested rain water. The project proponent will submit revised water mass balance in the light of above to the directorate of Environment and the concerned regulatory authorities.
10. The project proponent will ensure the quality of construction water as per standards and specifications of relevant codes in order to prevent possible corrosion in concrete, reinforcements and other structural components in order to avoid adverse social and environmental impacts.
11. The project proponent will ensure exploitation of maximum possible potential of solar energy generation in the proposed project area and prefer to use it instead of conventional electricity in order to reduce the Green House Gas Emission causing climate change.
12. The project proponent will make necessary arrangement to get Structural auditing conducted by an expert institution once in 5 years during life span of the building to ensure safe life of the residents and prevent environmental and social hazards.

**Standard Environmental Clearance Conditions prescribed by MoEF&CC:**

1. Statutory compliance:
  1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
  2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
  3. 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.
  4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
  5. 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.
  6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
  7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
  8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
  9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.



10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
2. Air quality monitoring and preservation:
  1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
  2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
  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 PM25) covering upwind and downwind directions during the construction period.
  4. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
  5. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
  6. Wet jet shall be provided for grinding and stone cutting.
  7. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
  8. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
  9. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
  10. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
  11. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Water quality monitoring and preservation:
  1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
  2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
  3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
  4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
  5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
  6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.

7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13. All recharge should be limited to shallow aquifer.
14. No ground water shall be used during construction phase of the project.
15. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
18. No sewage or untreated effluent water would be discharged through storm water drains.
19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
4. Noise monitoring and prevention:
  1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
  2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.

3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
5. Energy Conservation measures:
  1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
  2. Outdoor and common area lighting shall be LED.
  3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
  4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
  5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
  6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
6. Waste Management :
  1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
  2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
  3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
  4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
  5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
  6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
  7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
  8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25<sup>th</sup> January, 2016. Ready mixed concrete must be used in building construction.
  9. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
  10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
7. Green Cover:
  1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees

- should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
  3. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
  4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
8. Transport:
1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
    - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
    - b. Traffic calming measures.
    - c. Proper design of entry and exit points.
    - d. Parking norms as per local regulation.
  2. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
  3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
9. Human health issues :
1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
  2. For indoor air quality the ventilation provisions as per National Building Code of India.
  3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  4. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
  5. Occupational health surveillance of the workers shall be done on a regular basis.
  6. A First Aid Room shall be provided in the project both during construction and operations of the project.
10. 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.

11. Miscellaneous:

1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
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 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.
5. 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.
6. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
8. 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.
9. 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).
10. 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.
11. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
13. 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.
14. 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.

15. 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.

**13. Ordinary Earth Excavation at Gata No. 358, 359 in village- Bastoi, Tehsil- Sikanda Rao, District- Hathras, Shri Indra Singh, Area- 1.012 Ha., 7787/SIA/UP/MIN/422939/2023**

**RESOLUTION AGAINST AGENDA NO. 13**

The project proponent/consultant did not appear. The committee discussed and deliberated that the project file should be closed and be opened only after request from the project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online requests on prescribed online portal.

**14. Extension of prior Environmental Clearance for proposed Plotted Development Project “Gaur Mulberry Mansions” at Plot No FH-03, Greater Noida, Gautam Buddha Nagar, Shri Devendra Bhandari, M/s Gaursons Hi-Tech Infrastructure Pvt. Ltd., 1499/SIA/UP/MIS/303839/2023**

A presentation was made by the project proponent along with their consultant M/s Environmental and Technical Research Centre. The project proponent/consultant informed the committee that the environmental clearance for the above proposal was issued by SEIAA, U.P. vide letter no. 1831/PARYA/SEAC/1499/2013/JCDA(S) dated 12/10/2013 for plot area 5,83,671 m<sup>2</sup> and built up area 1,53,070.21 m<sup>2</sup> which was earlier valid up to seven years i.e., 12<sup>th</sup> October 2020.

Due to slow down in economy especially in real-estate sector and also due to that time situation of Covid-19 pandemic, the project could not be completed in time, then project proponent applied for validity extension of EC for three years on 26/03/2021 and SEIAA issued validity extension of EC vide Ref. No. 138/Parya/SEIAA/1499/2020, dated 12<sup>th</sup> June 2021 for the period of 03 years valid upto 11<sup>th</sup> October 2023.

The project proponent also informed the committee that MOEF&CC, Govt. of India vide its Gazette notification number no: S.O. 1807(E) dated 12<sup>th</sup> April, 2022 extended the validity of environmental clearance from 07 years to 10 year and further extendable upto 01 years. The operating part of notification dated 12<sup>th</sup> April, 2022 is as follows:

*“...Provided that the period of validity of Environmental Clearance with respect to the Projects and Activities listed in this sub- paragraph and sub-paragraphs (ii) may be extended in respect of valid Environmental Clearance, by the regulatory authority concerned by a maximum period of two years in the case of River Valley projects, five years in the case of Nuclear power projects and processing of nuclear fuel and one year in the case of all other projects, if an application is made in the laid down proforma to the regulatory authority by the applicant within the validity period of the existing Environment Clearance.”*

As per provision of above notification, the project proponent applying for the validity of extension of Environmental clearance for one year to SEIAA, U.P. on 01/09/2023 and requested to extend the validity of EC letter for one year.

**RESOLUTION AGAINST AGENDA NO-14**

The committee discussed the matter in light of provision made in MOEF&CC, Govt. of India vide its Gazette notification number no: S.O. 1807(E) dated 12<sup>th</sup> April, 2022 and recommended to extend the validity of Environmental Clearance letter dated 12/10/2013 for the period of 01 year i.e. 12/10/2023 to 11/10/2024. All the contents mentioned in Environmental Clearance letter no. 1831/PARYA/SEAC/1499/2013/JCDA(S) dated 12/10/2013 shall remain the same.

**15. “Ordinary Earth Mining” Project at Gata No.- 07, 223 & 199 Mi, Village- Badi, Pargana- Badi, Tehsil- Sidhauri, District-Sitapur, Shri Dharendra Pratap Singh., Area - 0.403 ha., 8039/SIA/UP/MIN/435484/2023**

The Secretariat informed the committee that the matter was earlier discussed in 776<sup>th</sup> SEAC meeting dated 22/08/2023 and recommended to grant the environmental clearance along with general and specific conditions. Subsequently, the matter was listed in 757<sup>th</sup> SEIAA meeting dated 14/09/2023 wherein:

*“SEIAA noted that SEAC has recommended to grant EC to the above project. SEIAA gone through file and documents and found that KML for all the gatas and notarized copy of agreement between the lease holder and all land owners has not been submitted. Hence SEIAA opined to refer back the project to SEAC to review the case in light of the above.”*

As per the above decision of SEIAA, the matter was listed in 801<sup>st</sup> SEAC meeting dated 18/10/2023. The committee has gone through the file and observed that the project proponent has not been submitted the proper reply as per query raised by SEIAA. The committee advised the project proponent to submit proper reply as suggested during the presentation.

**16. “Ordinary Soil Excavation Mining Project” at Gata No.- 836A, 836V, 869, 803, 941, 960, 898, 980, located in village- Siras Khera, Tehsil & District - Moradabad, Shri Laik Ahmad, Area 1.6528 Ha., 8063/SIA/UP/MIN/439750/2023**

The Secretariat informed the committee that the matter was earlier discussed in 777<sup>th</sup> SEAC meeting dated 23/08/2023 and recommended to grant the environmental clearance along with general and specific conditions. Subsequently, the matter was listed in 758<sup>th</sup> SEIAA meeting dated 19/09/2023 wherein:

*“SEIAA noted that SEAC has recommended to grant EC to the above project. SEIAA gone through file and documents and found that proper KML and original agreement between lease holder and land owners has not been submitted. Hence SEIAA opined to refer back the project.”*

As per the above decision of SEIAA, the matter was listed in 801<sup>st</sup> SEAC meeting dated 18/10/2023. The project proponent along with their consultant present before the SEAC and informed that proper KML uploaded in SOP format during online uploading on Parivesh Portal but in a meanwhile at that time some updation of Parivesh portal is ongoing, that's why it was not shown and again submitted proper KML during the presentation. The project proponent also submit that original agreement between the lease holder and land owner was already submitted with project report file.

The committee has gone through the reply submitted by the project proponent and found that the original agreement between the lease holder and land owner is already available in the project file and KML file is already uploaded on Parivesh Portal by the project proponent/consultant. Hence, the committee recommended to grant the environmental clearance for the project proposal along with general and specific conditions as earlier stipulated in 777<sup>th</sup> SEAC meeting dated 23/08/2023.

**17. “Granite Gitti, Khanda / Boulders” Project at Gata No./ Khand No.- 1078 / 18, Village- Gonda, Tehsil- Karwi, District- Chitrakoot, Shri Brijesh Kumar Garg Area : 0.810 ha., 8067/7568/SIA/UP/MIN/439613/2023**

The Secretariat informed the committee that the matter was earlier discussed in 777<sup>th</sup> SEAC meeting dated 23/08/2023 and recommended to grant the environmental clearance along with general

and specific conditions. Subsequently, the matte was listed in 758<sup>th</sup> SEIAA meeting dated 19/09/2023 wherein:

“SEIAA noted that SEAC has recommended to grant EC to the above project. SEIAA gone through file and documents and found that incomplete data in salient features of the project has been given in MoM of SEAC. Hence SEIAA opined to refer back the project.”

**As per the above decision of SEIAA, the matte was listed in 801<sup>st</sup> SEAC meeting dated 18/10/2023. The Secretariat informed the committee that due to typographical error some value to salient features was not shown in meeting of minutes. The committee discussed the matter and directed to rectify the same and recommended to grant the environmental clearance for the project proposal along with general and specific conditions as earlier stipulated in 777<sup>th</sup> SEAC meeting dated 23/08/2023 along with following salient features:**

1. The environmental clearance is sought for Granite Gitti, Khanda / Boulders Mining at Gata No./ Khand No.- 1078 / 18, Village- Gonda, Tehsil- Karwi, District- Chitrakoot, U.P., (Leased Area- 0.810 Ha).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 27/Parya/SEIAA/7568/2022, dated: 05/05/2023.
3. The Public Hearing was organized on 07/07/2023. Final EIA Report was submitted by the Project Proponent on 09/08/2023.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/439613/2023		
2.	File No. allotted by SEIAA, UP	8067-7568		
3.	Name of Proponent	Shri Brijesh Kumar Garg S/o Shri Ramchandra Garg		
4.	Full correspondence address of proponent	R/o- 21, Madfa Road Dugawan, Harihar, Karwi, District- Chitrakoot, U.P.		
5.	Name of Project	Granite Gitti, Khanda / Boulders Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No./ Khand No.- 1078 / 18		
7.	Name of Village	Gonda		
8.	Tehsil	Karwi		
9.	District	Chitrakoot		
10.	Name of Minor Mineral	Granite Gitti, Khanda / Boulders		
11.	Sanctioned Lease Area (in Ha.)	0.810 ha.		
12.	Max.& Min mRL within lease area	232 mRL- 221 mRL		
13.	Pillar Coordinates(Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 12.001' N	80° 44.434' E
		B	25° 11.983' N	80° 44.473' E
		C	25° 11.909' N	80° 44.441' E
		D	25° 11.904 N	80° 44.411' E
14.	Total Geological Reserves	990015 m <sup>3</sup>		
15.	Total Mineable Reserves	122941 m <sup>3</sup>		
16.	Total Proposed Production (in five year)	121500 m3		
17.	Proposed Production / year	24300 m3		
18.	Sanctioned Period of Mine lease	20 Years (max.)		
19.	Method of Mining	Opencast Semi-Mechanized		
20.	No.Of workers	37 (approx.)		
21.	Type of Land	Govt. revenue land		
22.	Nearest metalled road from site	400m		
23.	Water Requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking & Others		0.40
		Suppression of dust		2.40
		Plantation		1.00
		Total		3.80
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P.		



		QCI/NABET/EIA/2124/RA0224, Validity- 01/05/2024
25.	Any litigation pending against the project or land in any court	No
26.	Details of 500 m Cluster certificate Verified by Mining Officer	DMO (Khanan Anubhag) Chitrakoot vide Letter No. 766/Khanij/2022-23, Dated 12 <sup>th</sup> Sept, 2022
27.	Details of Lease Area in approved DSR	Page No.- 29, Sr. No.- 02 with correction letter no.- 810/khanij/ 2022-23 dated- 18.10.2022
28.	Proposed CER cost	1.40 Lakh
29.	Proposed EMP cost	EMP in First Year - 11.50 Lakh EMP (Recurring Years) – 7.05 Lakh
30.	Length and breadth of Haul Road.	Length- 400m, Width- more than 6.0 m
31.	No. of Trees to be Planted	1000

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).

**18. Ordinary Sand Mining Project at Gata No.- 34 to 46 & 51 to 56, Village- Firojpur, Tehsil- Fatehpur, District- Fatehpur, Shri Santosh Kumar Yadav, M/s Pragyasana Contractor Pvt. Ltd., Area: 15.0 ha., 8073/5829/SIA/UP/MIN/439882/2023**

The Secretariat informed the committee that the matter was earlier discussed in 777<sup>th</sup> SEAC meeting dated 23/08/2023 and recommended to grant the environmental clearance along with general and specific conditions. Subsequently, the matter was listed in 758<sup>th</sup> SEIAA meeting dated 19/09/2023 wherein:

*“SEIAA noted that SEAC has recommended to grant EC to the above project. SEIAA gone through file and documents and found that ultimate depth of mining mentioned in SEAC, MoM is 0.4 m (average), in mining plan approval letter depth is mentioned as 3 meters (maximum) and in executive summary depth is mentioned of 1.4 m there is contradiction in depth of mining. Hence SEIAA opined to refer back the project.”*

As per the above decision of SEIAA, the matter was listed in 801<sup>st</sup> SEAC meeting dated 18/10/2023. The committee noted that the project proponent submitted the reply of queries raised on 06/10/2023 wherein:

*“...the mining depth 0.40 mt. (avg.) has been mentioned in all the documents submitted in the proposal to the Directorate. Whereas in the mining plan approval letter 3.0 meters (maximum) depth have been mentioned in approval conditions, as mining will be done 03 meters (maximum) depth or water table which will be lesser as per Sustainable Sand Mining guideline, 2016. I also want to clear that the mining plan is approved for the depth of 0.40 mt. (avg.) as well.”*

**The committee has gone through the reply submitted by project proponent and found it satisfactory. Hence, recommended to grant the environmental clearance for the project proposal along with general and specific conditions as earlier stipulated in 777<sup>th</sup> SEAC meeting dated 23/08/2023.**

**19. Ordinary Sand Mining” having lease area – 8.09 ha along riverbed of Ganga river at Araj No/Gata No. 7kh, Khand-2, Village – Badagaon, Tehsil -Sakaldiha, District- Chandauli, Uttar Pradesh of M/s Rajesh Prasad Yadav and Sons., 8353/7957/SIA/UP/MIN/448470/2023**

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

1. The environmental clearance is sought for “Ordinary Sand Mining” along riverbed of Ganga river at Araj No/Gata No.- 7kh, Khand No.-2, Village – Badagaon, Tehsil -Sakaldiha, District- Chandauli, Uttar Pradesh, (Leased Area – 8.09 ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 183/Parya/SEIAA/7957/2023 dated 18/07/2023.
3. The Public Hearing was organized on 29/09/2023. Final EIA report submitted by the project proponent on 11/10/2023.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	New Proposal No. SIA/UP/MIN/448470/2023 Old Proposal No. SIA/UP/MIN/431678/2023															
2.	File No. allotted by SEIAA, UP	7957/8353															
3.	Name of Proponent	Shri Rajesh Prasad Yadav & Sons Prop. Shri Rajesh Prasad Yadav S/o Shri Jhuri Yadav															
4.	Full correspondence address of proponent and mobile no.	R/o – H. No. 6/171, G -5, Akatha, Thana-Sarnath Tehsil - Sadar, District-Varanasi, U.P. 221007 Mobile no. – 7905004456 E mail ID - rajeshydsand@gmail.com															
5.	Name of Project	Environmental clearance of proposed “Ordinary Sand Mining” having lease area – 8.09 ha along riverbed of Ganga river at Araj No/Gata No. 7kh, Khand-2, Village – Badagaon, Tehsil -Sakaldiha, District- Chandauli, Uttar Pradesh of M/s Rajesh Prasad Yadav and Sons.															
6.	Project Location (Plot. Khasra/Gata No.)	Araj No/Gata No. 7kh, Khand-2															
7.	Name of River	Ganga River															
8.	Name of Village	Badagaon															
9.	Tehsil	Sakaldiha															
10.	District	Chandauli															
11.	Name of Minor Mineral	“River bed Sand/morrum mining”															
12.	Sanctioned Lease Area (in Ha.)	8.09 ha															
13.	Max. & Min mRL within lease area	Highest mRL – 65.70 mRL Lowest mRL- 62.50 mRL															
14.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Point</th><th>Latitude N</th><th>Longitude E</th></tr> </thead> <tbody> <tr> <td>A</td><td>25°31'1.48"N</td><td>83°14'28.28"E</td></tr> <tr> <td>B</td><td>25°31'6.99"N</td><td>83°14'31.60"E</td></tr> <tr> <td>C</td><td>25°31'1.48"N</td><td>83°14'46.49"E</td></tr> <tr> <td>D</td><td>25°30'56.65"N</td><td>83°14'43.64"E</td></tr> </tbody> </table>	Point	Latitude N	Longitude E	A	25°31'1.48"N	83°14'28.28"E	B	25°31'6.99"N	83°14'31.60"E	C	25°31'1.48"N	83°14'46.49"E	D	25°30'56.65"N	83°14'43.64"E
Point	Latitude N	Longitude E															
A	25°31'1.48"N	83°14'28.28"E															
B	25°31'6.99"N	83°14'31.60"E															
C	25°31'1.48"N	83°14'46.49"E															
D	25°30'56.65"N	83°14'43.64"E															
15.	Total Geological Reserves	3,23,600 m <sup>3</sup>															
16.	Total Mineable Reserve	1,94,160 m <sup>3</sup>															
17.	Total Proposed Production	1,61,800 m <sup>3</sup> (6 Months)															
18.	Proposed Production /year (as per LoI)	1,61,800 m <sup>3</sup> (6 Months)															
19.	Sanctioned Period of Mine lease	Plan Period 6 Months															
20.	Method of Mining	Mining will be carried out by bar scalping or skimming method and mining operation shall be semi - mechanized (OTFM) using scrapers/EMM and chain/tyre mounted bulldozers for rescue & salvage (as per SSMG 2016).															
21.	No. of worker	38															
22.	Type of Land	Govt./Non Forest Land															

23.	Ultimate Depth of Mining	3.0 m
24.	Nearest metalled road from site	0.60 km
25.	Water Requirement	PURPOSE
		Drinking - 0.38 KLD
		Suppression of dust - 7.20 KLD
		Plantation - 9.00 KLD
		Others (if any) - 0.00 KLD
		Total 16.50 KLD
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 – 111/30-up-Khanij, 2022-23 dated - 07/10/2022
29.	Details of Lease Area in approved DSR	DSR approved by District Authority at page no. 08
30.	Project Cost	1.10 Crore
31.	Proposed CER cost	2.20 lacs
32.	Length and breadth of Haul Road	Length – 0.60 km, Breadth – 6.00 m
33.	No. of Trees to be Planted	9000

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 18/10/2023 mentioning is as follows:

1. I Dr. Surendra Vikram Ghavri S/o Shri Pratap Kumar is EIA Coordinator of Paramarsh servicing Environment and Development.
2. I have prepared EIA/EMP report for the EC of “Ordinary Sand Mining” along riverbed of Ganga river at Araji No/Gata No.- 7kh, Khand No.-2, Village – Badagaon, Tehsil -Sakaldiha, District- Chandauli, Uttar Pradesh, (Leased Area – 8.09 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 required for EIA/EMP 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 EIA/EMP Report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

### **RESOLUTION AGAINST AGENDA NO. 19**

**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-3 to these minutes. The committee also stipulated the following additional conditions:**

1. Directorate of Geology and Mining will ensure conduct of replenishment study from reputed institution for subsequent years in compliance of Hon’ble NGT orders. The quantity mentioned in LoI or quantity mentioned in replenishment study, whichever is less, would be maximum quantity

which project proponent may extract. It will be ensured by District Administration and Geology and Mining Department.

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

**(Dr. Brij Bihari Awasthi)**  
**Member**

**(Umesh Chandra Sharma)**  
**Member**

**(Dr. Ratan Kar)**  
**Member**

**(Om Prakash Srivastava)**  
**Member**

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

**(Rajive Kumar)**  
**Chairman**

**Nodal, SEAC-1**

MoM prepared by Secretariat in consultation with  
Chairman & Members on the basis of decisions  
taken by SEAC-1 during the meeting.

**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, SO<sub>2</sub>, NO<sub>x</sub> 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, SO<sub>2</sub>, NO<sub>x</sub>) 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 31<sup>st</sup> 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 1<sup>st</sup> June and 1<sup>st</sup> 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 05 ha, but factually the distance is less than 500 mt, and the mine is located in the cluster of area equal to or more than 05 ha, 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.

**Annexure-2**

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

- 1) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
- 2) A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be given.
- 3) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
- 4) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 5) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 6) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
- 7) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report.
- 8) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
- 9) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
- 10) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
- 11) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
- 12) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
- 13) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
- 14) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.

- 15) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 16) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
- 17) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
- 18) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
- 19) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
- 20) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.
- 21) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season); December-February (winter season)] primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM<sub>10</sub>, particularly for free silica, should be given.
- 22) Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
- 23) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
- 24) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 25) Description of water conservation measures proposed to be adopted in the Project should be given.
- 26) Details of rainwater harvesting proposed in the Project, if any, should be provided.
- 27) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
- 28) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater.
- 29) Necessary data and documentation in this regard may be provided. In case the working will intersect

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

- 30) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
- 31) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
- 32) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
- 33) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
- 34) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 35) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
- 36) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
- 37) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
- 38) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 39) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 40) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
- 41) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 42) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 43) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 44) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
- 45) Besides the above, the below mentioned general points are also to be followed:-
  - a) Executive Summary of the EIA/EMP Report
  - b) All documents to be properly referenced with index and continuous page numbering.
  - c) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.

- d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
- e) Where the documents provided are in a language other than English, an English translation should be provided.
- f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
- g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
- h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
- i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
- j) The EIA report should also include: (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.

Annexure-3

**General and Specific Conditions for Sand/Morum Mining Proposals**

**General Conditions:**

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours' time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.

22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water,

- medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
  43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
  44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Integrated Regional Office, MoEF&CC, GoI, Lucknow by e-mail.
  45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
  46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
  47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
  48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

**Specific Conditions:**

1. The Environmental clearance will be co-terminus with the mining lease period/mining plan whichever is less.
2. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
3. Environment management in according to environmental status and impact of the project.
4. During the school opening and closing time transportation of minerals will be restricted.
5. Selection of plants for green belt should be on the basis of pollution removal index. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
7. Pakkamotorable haul road to be maintained by the project proponent.
8. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
9. Permission from the competent authority regarding evacuation route should be taken.
10. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
11. Provision for cylinder to workers should be made for cooking.
12. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
13. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road. Width of the haul road shall be more than 6 meter.
14. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
15. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
16. Provision for two toilets and hand pumps should be made at mining site.
17. Drinking water for workers would be provided by tankers.
18. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
19. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
20. Corporate Environmental Responsibility (CER) plan shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018.



21. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
22. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
23. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
24. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
25. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
26. If in future this lease area becomes part of cluster of equal to or more than 05 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
27. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 05 ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 05 ha, the E.C issued will stand revoked.
30. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
31. The mining work will be open-cast and manual/semi mechanized (subject to orders). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
32. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
33. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
34. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
35. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
36. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
37. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
38. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
39. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.

40. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
41. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
42. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
43. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
44. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
45. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
46. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Integrated Regional Office, MoEF&CC, GoI, Lucknow, SEIAA, U.P. and UPPCB.
47. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, CPCB, State PCB.
48. The MoEF&CC/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
49. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
50. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
51. Waste water from potable use be collected and reused for sprinkling.
52. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.