

### **Minutes of 821<sup>st</sup> SEAC-2 Meeting Dated 29/12/2023**

The 821<sup>st</sup> meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 29/12/2023. Following members participated in the meeting:

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

The Chairman welcomed the members to the 821<sup>st</sup> SEAC-2 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-2 informed the committee that the agenda has been approved by the Member Secretary, SEAC-2/Director, Directorate of Environment.

**1. “Building Stone (Sand stone) Mining” located at Gata No. 187 Mi, Village- Madfa, tehsil- Chunar, District Mirzapur, Smt Sushma Mishra, Area 1.01 Ha., 8520/SIA/UP/MIN/453280/2023**

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 terms of reference is sought for “Building Stone (Sand stone) Mining” at Gata No. 187 Mi, Village- Madfa, tehsil- Chunar, District Mirzapur, U.P., (Leased Area- 1.01 Ha).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/453280/2023		
2.	File no. allotted by SEIAA, UP	8520		
3.	Name of proponent	Smt. Sushma Mishra, W/o Shri Rajesh Mishra		
4.	Full correspondence address of proponent.	Vill- Chandika, Post- Pahara District- Mirzapur (U.P.)		
5.	Name of Project	Building Stone as Sand Stone Mining Project		
6.	Project location (Plot / Khasra / Gata No.)	Araji No. 187 Mi		
7.	Name of Village	Madfa		
8.	Tehsil	Chunar		
9.	District.	Mirzapur		
10.	Name of Minor Mineral	Building Stone as Sand Stone		
11.	Sanction Lease Area (in Ha.)	1.01 Ha.		
12.	Max. & Min mRL within lease area	Maximum Elevation: 157 mRL, Minimum Elevation: 151 mRL		
13.	Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
		A	25°4'36.16"N	82°48'54.66"E
		B	25°4'34.75"N	82°48'57.87"E
		C	25°4'31.81"N	82°48'56.40"E
		D	25°4'33.21"N	82°48'53.19"E
14.	Total Geological Reserves	3,55,914 m <sup>3</sup>		
15.	Total Mineable Reserves	2,01,084 m <sup>3</sup>		

16.	Total Proposed Production (in five year)	2,00,000 m <sup>3</sup> in 5 years
17.	Proposed production / year	40,000 m <sup>3</sup> per year
18.	Sanction Period of Mine lease	10 Years
19.	No. of workers	35
20.	Type of Land	Private Land
21.	Ultimate depth of mining	33.0 m as per approved mining plan
22.	Nearest metalled road from Site	NH-35 about 2.39 km towards North direction.
23.	Water requirement	PURPOSE
		Drinking water
		Dust suppression
		Plantation
		Others (if any)
		Total
		REQUIREMENT (KLD)
		0.45 KLD
		1.98 KLD
		2.0 KLD
		-
		4.43 KLD approx.
24.	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) and valid upto January 21, 2024
25.	Any litigation pending against the project or land in any court.	No
26.	Detail of 500 m Cluster certificate verified by mining officer	Letter No. No.6074/MMC-30/2023-24 Dated-29/09/2023
27.	Detail of Lease Area in approved DSR	Letter No- 3362/ MMC-30 /2022-23 dated-04.03.2023 Lease details given in DSR page no 1 & Sl.No.3
28.	Proposed EMP cost	Rs. 13,67,640/-
29.	Length and breadth of Haul Road	220 m length and 6 m width
30.	No. of Trees to be planted.	2000
31.	Monitoring Period.	1 <sup>st</sup> October 2023 to 31 <sup>th</sup> December 2023

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

The consultant (EIA Coordinator) also submitted an affidavit dated 26/12/2023 mentioning is as follows:

- I Vishnu Kumar Awasthi S/o Lt. R G Awasthi 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 TOR report for the Proposal No. SIA/UP/MIN/453280/2023, File No. 8520 for "Building Stone (Sand stone) Mining" located at Gata No. 187 Mi, Village- Madfa, tehsil-Chunar, District Mirzapur, U.P., (Leased Area- 1.01 Ha) with my team.
- I have personally visited the site of proposal and certify that Mining activity has been undertaken on the project site for the present proposal.
- I have satisfied with that all the necessary data/information required for TOR presentations are true and correct.
- I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
- I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.

7. The TOR report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 01**

**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. Notarized affidavit regarding baseline monitoring data sharing among the project proponents.
2. Raw data of all the baseline monitoring parameters will be provided as an annexure to the EIA Report.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Logbook of their site visit along with activities carried out during monitoring (B) Real time photographs showing monitoring machine, public, lab person etc.
4. 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.
5. 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.
6. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP & UPPCB before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
7. 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.
8. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
9. Combined KML of all mines in a cluster should be submitted at the time of EIA.
10. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
11. 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.
12. 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.
13. 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.
14. 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.
15. 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.
16. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

17. 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.

**2. “Ordinary Sand Mine” from Riverbed of Ghaghra River at Gata/Araji No.- 188अ, Village- Maraucha, Tehsil- Rudauli, District- Ayodhya, Shri Jitendra Narayan Rai, M/s Maihar Shakti Enterprises, Area- 1.100 ha., 8522/SIA/UP/MIN/453157/2023**

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 AWS Envirotech (OPC) Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for “Ordinary Sand Mine” from Riverbed of Ghaghra River at Arazi/Gata No.- 188अ, Village- Maraucha, Tehsil- Rudauli, District- Ayodhya, Uttar Pradesh, M/s Maihar Shakti Enterprises, (Leased Area- 1.100 ha.).

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

1.	On-line proposal No.	SIA/UP/MIN/453157/2023		
2.	File No. allotted by SEIAA, UP	8522		
3.	Name of Proponent	Shri Jitendra Narayan Rai for M/s Maihar Shakti Enterprises		
4.	Full correspondence address of proponent	Shri Jitendra Narayan Rai S/o Shri Govind Narayan Rai R/o Gram- Tarapur, Post- Tikri, District- Varanasi, Uttar Pradesh E-mail Id: jitendranarayanrai5418@gmail.com		
5.	Name of Project	“Ordinary Sand Mine” at Village- Maraucha, Tehsil- Rudauli, District- Ayodhya, Uttar Pradesh		
6.	Project Location (Plot/Khasra/Gata No.)	Gata No.- 188अ, Village- Maraucha, Tehsil- Rudauli, District- Ayodhya, Uttar Pradesh		
7.	Name of Village	Maraucha		
8.	Tehsil	Rudauli		
9.	District	Ayodhya		
10.	Name of Minor Mineral	Ordinary sand		
11.	Sanctioned Lease Area (in Ha.)	1.100 ha.		
12.	Max. & Min mRL within lease area	Highest-121.0 mRL & Lowest-119.0 mRL		
13.	Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude	Longitude
		A	26°49'05.27"N	81°49'54.13"E
		B	26°49'07.28"N	81°49'56.63"E
		C	26°49'06.27"N	81°49'57.42"E
		D	26°49'05.59"N	81°50'00.06"E
		E	26°49'02.92"N	81°49'57.23"E
14.	Total Geological Reserves	31,158 m <sup>3</sup>		
15.	Total Mineable Reserves	27,500 m <sup>3</sup>		
16.	Total Proposed Production	27,500 cum in 6 months		
17.	Proposed Production	27,500 cum in 6 months		
18.	Sanctioned Period of Mine lease	06 Months		
19.	No. of workers	37		
20.	Type of Land	Private land		
21.	Ultimate Depth of Mining	2.89 m		
22.	Nearest metalled road from site	0.5 km		
23.	Water Requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking		0.37 KLD
		Suppression of dust		3.44 KLD
		Plantation		0.50 KLD
		Total		4.31 KLD
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s AWS Envirotech (OPC) Pvt. Ltd. 2 <sup>nd</sup> floor Devpuri plaza, Neelgiri crossing, Faizabad road, Indranagar, Lucknow-226016, U.P.		

		Certificate no. NABET/EIA/2225/IA 0097 (Rev.01) Valid Till July 14,2025
25.	Any litigation pending against the project or land in any court	No
26.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no.- 514/Khanij Dated- 25.11.2023
27.	Details of Lease Area in approved DSR	Vide letter no. 604/M. 228/2017(khanan neeti)-D.S.R., dated- 20.10.2021, Sl. No. 01
28.	Proposed EMP cost	EMP cost is Rs. 6.5 Lakhs
29.	Length & breadth of Haul Road	700 m & 6m
30.	No. of Trees/saplings to be Planted	250

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

S.No.	Particular	Capital Amount (In Lakhs)
1	Pollution monitoring- Air, Water, Noise, Soil	0.5
2	Water requirement expenses	1.0
3	Plantation including maintenance	2.5
4	Haul road repair and maintenance	2.0
5	Miscellaneous	0.5
Total		6.5

Note : The above action plan will be implemented during project implementation phase. Zero date will start from the date of start for the proposed project.

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

The consultant (EIA Coordinator) also submitted an affidavit dated 25/11/2023 mentioning is as follows:

1. I Sandeep Kumar S/o Sri R. K. Verma is EIA coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd. Lucknow,
2. I have prepared the EC application report for the proposal of "Ordinary Sand Mine" from Riverbed of Ghaghra River at Arazi/Gata No.- 188अ, Village- Maraucha, Tehsil- Rudauli, District- Ayodhya, Uttar Pradesh, M/s Maihar Shakti Enterprises, (Leased Area- 1.100 ha.) with my team.
3. I have personally visited the site of proposal and certify that no mining/construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied that all the necessary data/information submitted along with EC application are true and correct.
5. I certify that this project 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 submitted on Parivesh Portal and the hard copy/presentation 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 NABET/QCI.

**RESOLUTION AGAINST AGENDA NO. 02**

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-3 to these minutes. The committee also stipulated the following additional conditions:

1. The environmental clearance will be co-terminus with the validity of the lease period mentioned in the LoI or co-terminus with the validity of current mine plan whichever is earlier, after this period the EC will become null and void.
2. The quantity mentioned in LoI or quantity mentioned in replenishment study, whichever is less, would be maximum quantity which project proponent may extract. It will be ensured by District Administration and Geology and Mining Department. Directorate of Geology and Mining will ensure conduct of replenishment study from reputed institution for subsequent years in compliance of Hon'ble NGT orders.
3. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be obtained before start of mining activity.
4. 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.
5. The project proponent shall install solar light in their site office.
6. 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.
7. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
8. 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.
9. 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.
10. The project proponent should explore the possibilities of rainwater harvesting.
11. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
12. 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.
13. 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
14. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ water supplying agencies to be submitted.
15. 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. Sandstone (Khanda, Gitti, Boulder, Patiya) at Gata No.- 2/2, Village- Hardari, Tehsil- Lalitpur District- Lalitpur, Shri Deenanath, Area- 1.181 Ha., 8524/SIA/UP/MIN/453284/2023**

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 AWS Envirotech (OPC) Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for "Imarti Patthar Sandstone (Khanda, Gitti, Boulder, Patiya) Mine" at Gata No.- 2/2, Village- Hardari, Tehsil- Lalitpur, District- Lalitpur, Uttar Pradesh, (Leased Area- 1.181 Ha).
2. Salient features of the project as submitted by the project proponent:

1.	The Terms of References is sought for "Imarti Patthar Sandstone (Khanda, Gitti, Boulder, Patiya, etc) Mine" at Village- Hardari, (Gata No. 2/2, Lease Area- 1.181 ha.), Tehsil- Lalitpur, District- Lalitpur, Uttar
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	Pradesh, Project Proponent- Shri Deenanath.																													
2.	On-line proposal No.	SIA/UP/MIN/453284/2023																												
3.	File No. allotted by SEIAA, UP	8524																												
4.	Name of Proponent	Shri Deenanath																												
5.	Full correspondence address of proponent	Shri Deenanath S/o Shri Madan Lal R/o- 601, Talabpura, Lalitpur, Uttar Pradesh Email: njha18186@gmail.com																												
6.	Name of Project	“Imarti Patthar Sandstone (Khanda, Gitti, Boulder, Patiya, etc) Mine” at Village- Hardari, (Gata No. 2/2, Lease Area- 1.181 ha.) Tehsil- Lalitpur, District- Lalitpur, Uttar Pradesh, Project Proponent- Shri Deenanath																												
7.	Project Location (Plot/Khasra/Gata No.)	Gata No.- 2/2, Village- Hardari, Tehsil- Lalitpur, District- Lalitpur, Uttar Pradesh																												
8.	Name of Village	Hardari																												
9.	Tehsil	Lalitpur																												
10.	District	Lalitpur																												
11.	Name of Minor Mineral	Imarati Patthar Sandstone (Khanda, Gitti, Boulder, Patiya, etc.)																												
12.	Sanctioned Lease Area (in Ha.)	1.181 ha.																												
13.	Max. & Min mRL within lease area	Highest mRL is 396.0 & Lowest is 393.0 mRL																												
14.	Pillar Coordinates (Verified by DMO)	GPS Co-ordinates are- <table><tr><td>Pillar</td><td>Latitude (N)</td><td>Longitude (E)</td></tr><tr><td>A</td><td>24°28'41.85"N</td><td>78°19'31.73"E</td></tr><tr><td>B</td><td>24°28'43.65"N</td><td>78°19'36.42"E</td></tr><tr><td>C</td><td>24°28'41.56"N</td><td>78°19'37.06"E</td></tr><tr><td>D</td><td>24°28'40.97"N</td><td>78°19'36.77"E</td></tr><tr><td>E</td><td>24°28'40.26"N</td><td>78°19'37.13"E</td></tr><tr><td>F</td><td>24°28'39.87"N</td><td>78°19'35.36"E</td></tr><tr><td>G</td><td>24°28'40.19"N</td><td>78°19'34.08"E</td></tr><tr><td>H</td><td>24°28'39.38"N</td><td>78°19'33.30"E</td></tr></table>		Pillar	Latitude (N)	Longitude (E)	A	24°28'41.85"N	78°19'31.73"E	B	24°28'43.65"N	78°19'36.42"E	C	24°28'41.56"N	78°19'37.06"E	D	24°28'40.97"N	78°19'36.77"E	E	24°28'40.26"N	78°19'37.13"E	F	24°28'39.87"N	78°19'35.36"E	G	24°28'40.19"N	78°19'34.08"E	H	24°28'39.38"N	78°19'33.30"E
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G	24°28'40.19"N	78°19'34.08"E																												
H	24°28'39.38"N	78°19'33.30"E																												
15.	Total Geological Reserves	70,269 m <sup>3</sup>																												
16.	Total Mineable Reserves	29,880 m <sup>3</sup>																												
17.	Total Proposed Production (in five Years)	14,765 m <sup>3</sup> in five Years																												
18.	Proposed Production /year	2,953 m <sup>3</sup> /year																												
19.	Sanctioned Period of Mine lease	20 years																												
20.	No. of workers	52																												
21.	Type of Land	Govt. revenue land																												
22.	Ultimate Depth of Mining	Upto 375 mRL																												
23.	Nearest metalled road from site	0.7 km																												
24.	Water Requirement	<table><tr><td>PURPOSE</td><td>REQUIREMENT (KLD)</td></tr><tr><td>Drinking</td><td>0.52 KLD</td></tr><tr><td>Suppression of dust</td><td>1.80 KLD</td></tr><tr><td>Plantation</td><td>0.40 KLD</td></tr><tr><td>Total</td><td>2.72 KLD</td></tr></table>		PURPOSE	REQUIREMENT (KLD)	Drinking	0.52 KLD	Suppression of dust	1.80 KLD	Plantation	0.40 KLD	Total	2.72 KLD																	
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25.	Name of QCI Accredited Consultant with QCI No. and period of validity	AWS Envirotech (OPC) Pvt. Ltd. Certificate no. NABET/EIA/2225/IA 0097(Rev.01) Valid Till July 14, 2025																												
26.	Any litigation pending against the project or land in any court	No																												
27.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 875/30-Mines/2023-24 Dated on 07.11.2023																												
28.	Details of Lease Area in approved DSR	DSR Corrigendum vide letter no. 783(ii)/30-mines/2023-24 dated on 29.09.2023, In approved DSR at Pg. No. 22, Sl. No. 03																												
29.	Proposed EMP cost	EMP cost is Rs. 8.0 lakhs as capital cost and Rs. 6.5 lakhs as recurring cost																												
30.	Length and breadth of Haul Road	200m & 6m																												
31.	No. of Trees/saplings to be Planted	250																												

32.	Monitoring period	December 2023 to February 2024
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3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 25/11/2023 mentioning is as follows:

1. I Sandeep Kumar S/o Sri R. K. Verma is EIA coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd. Lucknow,
2. I have prepared the TOR application report for the proposal of “Imarti Patthar Sandstone (Khanda, Gitti, Boulder, Patiya) Mine” at Gata No.- 2/2, Village- Hardari, Tehsil- Lalitpur, District- Lalitpur, Uttar Pradesh, (Leased Area- 1.181 Ha) with my team.
3. I have personally visited the site of proposal and certify that no mining/construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied that all the necessary data/information submitted along with EC application are true and correct.
5. I certify that this project 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 submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The TOR report for the proposal is prepared by my team as per guidelines laid down by NABET/QCI.

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

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

#### **Additional TOR:**

1. Raw data of all the baseline monitoring parameters will be provided as an annexure to the EIA Report.
2. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Logbook of their site visit along with activities carried out during monitoring (B) Real time photographs showing monitoring machine, public, lab person etc.
3. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
4. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.



5. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP & UPPCB before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
11. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
12. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a working plantation map to be submitted at the time of EIA presentation.
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
14. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
16. Proponent to submit latest status of project site along with the site photographs and also provide mined minerals record of the respective project site at the time of EIA presentation.

**4. Sandstone (Khanda, Gitti, Boulder, Patiya) at Gata No.- 141, 142, 143, Village- Hardari, Tehsil- Lalitpur, Lalitpur, Shri Swaroop Singh Chauhan, Area- 1.375 Ha., 8526/SIA/UP/MIN/453377/2023**

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 AWS Envirotech (OPC) Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for “Imarti Patthar Sandstone (Khanda, Gitti, Boulder, Patiya) Mine” at Gata No.- 141, 142, 143, Village- Hardari, Tehsil- Lalitpur, District- Lalitpur, Uttar Pradesh, (Leased Area- 1.375 Ha).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/453377/2023
2.	File No. allotted by SEIAA, U.P.	8526
3.	Name of Proponent	Shri Swaroop Singh Chauhan
4.	Full correspondence address of proponent	Shri Swaroop Singh Chauhan S/o Shri Raghuraj Singh Chauhan R/o- Basundhara Colony, Chandmari, Lalitpur, Uttar Pradesh Email: <a href="mailto:swaroopsinghchauhan5418@gmail.com">swaroopsinghchauhan5418@gmail.com</a>
5.	Name of Project	“Imarti Patthar Sandstone (Khanda, Gitti, Boulder, Patiya, etc)

		Mine” at Village- Hardari, (Gata No. 141, 142, 143, Lease Area- 1.375 ha.) Tehsil- Lalitpur, District- Lalitpur, Uttar Pradesh, Project Proponent- Shri Swaroop Singh Chauhan		
6.	Project Location (Plot/Khasra/Gata No.)	Gata No. 141, 142, 143, Village- Hardari, Tehsil- Lalitpur, District- Lalitpur, Uttar Pradesh		
7.	Name of Village	Hardari		
8.	Tehsil	Lalitpur		
9.	District	Lalitpur		
10.	Name of Minor Mineral	Imarti Patthar Sandstone (Khanda, Gitti, Boulder, Patiya, etc)		
11.	Sanctioned Lease Area (in Ha.)	1.375 ha.		
12.	Max. & Min mRL within lease area	Highest mRL is 402.0 mRL & Lowest is 399.0 mRL		
13.	Pillar Coordinates (Verified by DMO)	GPS Co-ordinates are-		
		Pillar	Latitude (N)	Longitude (E)
		A	24°28'28.42"N	78°19'45.18"E
		B	24°28'28.48"N	78°19'49.34"E
		C	24°28'24.70"N	78°19'49.19"E
		D	24°28'23.66"N	78°19'48.38"E
		E	24°28'23.59"N	78°19'47.31"E
		F	24°28'25.48"N	78°19'45.96"E
G	24°28'25.68"N	78°19'45.16"E		
14.	Total Geological Reserves	92,478 m <sup>3</sup>		
15.	Total Mineable Reserves	39,996 m <sup>3</sup>		
16.	Total Proposed Production (in five Years)	17,190 m <sup>3</sup> in five years		
17.	Proposed Production /year	3,438 m <sup>3</sup> /year		
18.	Sanctioned Period of Mine lease	20 years		
19.	No. of workers	52		
20.	Type of Land	Govt. revenue land		
21.	Ultimate Depth of Mining	Upto 380 mRL		
22.	Nearest metalled road from site	0.9 km		
23.	Water Requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking		0.52 KLD
		Suppression of dust		1.80 KLD
		Plantation		0.40 KLD
		Total		2.72 KLD
24.	Name of QCI Accredited Consultant with QCI No. and period of validity	AWS Envirotech (OPC) Pvt. Ltd. Certificate no. NABET/EIA/2225/IA 0097(Rev.01) Valid Till July 14, 2025		
25.	Any litigation pending against the project or land in any court	No		
26.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 874/30-Mines/2023-24 Dated on 07.11.2023		
27.	Details of Lease Area in approved DSR	In DSR Corrigendum vide letter no. 782(ii)/30-mines/2023-24 dated 29.09.2023, In approved DSR at Page No. 26, Sl. No. 60		
28.	Proposed EMP cost	EMP cost is Rs. 8.0 lakhs as capital cost and Rs. 6.5 lakhs as recurring cost		
29.	Length and breadth of Haul Road	200m & 6m		
30.	No. of Trees/Saplings to be Planted	200		
31.	Monitoring period	December 2023 to February 2024		

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

The consultant (EIA Coordinator) also submitted an affidavit dated 29/12/2023 mentioning is as follows:

1. I Sandeep Kumar S/o Sri R. K. Verma is EIA coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd. Lucknow,
2. I have prepared the TOR application report for the proposal of “Imarti Patthar Sandstone (Khanda, Gitti, Boulder, Patiya) Mine” at Gata No.- 141, 142, 143, Village- Hardari, Tehsil- Lalitpur, District- Lalitpur, Uttar Pradesh, (Leased Area- 1.375 Ha) with my team.
3. I have personally visited the site of proposal and certify that no mining/construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied that all the necessary data/information submitted along with EC application are true and correct.
5. I certify that this project 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 submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The TOR report for the proposal is prepared by my team as per guidelines laid down by NABET/QCI.

#### **RESOLUTION AGAINST AGENDA NO. 04**

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

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

1. Raw data of all the baseline monitoring parameters will be provided as an annexure to the EIA Report.
2. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Logbook of their site visit along with activities carried out during monitoring (B) Real time photographs showing monitoring machine, public, lab person etc.
3. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
4. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
5. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP & UPPCB before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.

10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
  11. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
  12. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a working plantation map to be submitted at the time of EIA presentation.
  13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
  14. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
  15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
  16. Proponent to submit latest status of project site along with the site photographs and also provide mined minerals record of the respective project site at the time of EIA presentation.
5. **Regularization of the existing project of Rolling Mill having capacity of M.S Angle, M.S bar, M.S Flat & M.S Channel-30 TPD or 9360 TPA”At Plot No. B 11/1 Industrial area, Nadarganj, Amousi, District- Lucknow, Shri Mohammad Imran Quraishi, M/s Star Steels, 8528/SIA/UP/IND1/451954/2023**

**RESOLUTION AGAINST AGENDA NO. 05**

The committee noted that the project proposal has been uploaded by 2<sup>nd</sup> time on Parivesh Portal but earlier proposal has not been withdrawn by project proponent till date. Hence, the committee directed to defer the matter and the matter will be discussed only after submission of online requests on prescribed online portal.

6. **Building Stone (Granite) or Khanda, Gitty, Boulder, Ballast Mining Project at Arazi No.- 02,Village: Dimrauni, Tehsil: Sadar, Jhansi, Shri Deen Dayal Yadav, Area: 3.186 Ha., 8530/SIA/UP/MIN/453435/2023**

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 Globus Environment Engineering Services. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Building Stone (Granite) or Khanda, Gitty, Boulder, Ballast Mining Project at Arazi No.- 02,Village: Dimrauni, Tehsil: Sadar, Jhansi, U.P., (Leased Area- 3.186 Ha).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/453435/2023
2.	File No. allotted by SEIAA, UP	8530
3.	Name of Proponent	Shri. Deen Dayal Yadav S/o. Shri. Balwan Yadav
4.	Full correspondence address of proponent	R/o- 1567,Shiva Ji Nagar, Kanpur Road District: Jhansi, Uttar Pradesh
5.	Name of Project	“ Building Stone (Granite) or Khanda, Gitty, Boulder, Ballast Mine
6.	Project location (Plot/ Khasra /Gata No.)	Araji No.:02,

7.	Name of Village	Dimrauni																																	
8.	Tehsil	Sadar																																	
9.	District	Jhansi																																	
10.	Name of Minor Mineral	Building Stone (Granite) or Khanda, Gitty, Boulder, Ballast																																	
11.	Sanctioned Lease Area (in Ha.)	3.186 Ha.																																	
12.	Max. & Min mRL within lease area	Highest Point :243 mRL Lowest Point :238mRL																																	
13.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th colspan="3">Co-ordinates of Sanctioned MLA</th></tr> <tr> <th>Pillars</th><th>Latitude(N)</th><th>Longitude(E)</th></tr> </thead> <tbody> <tr> <td>A</td><td>25°27'20.25"N</td><td>78°40'11.15"E</td></tr> <tr> <td>B</td><td>25°27'20.32"N</td><td>78°40'13.28"E</td></tr> <tr> <td>C</td><td>25°27'16.13"N</td><td>78°40'14.12"E</td></tr> <tr> <td>D</td><td>25°27'16.18"N</td><td>78°40'18.58"E</td></tr> <tr> <td>E</td><td>25°27'15.20"N</td><td>78°40'18.88"E</td></tr> <tr> <td>F</td><td>25°27'14.12"N</td><td>78°40'17.92"E</td></tr> <tr> <td>G</td><td>25°27'13.08"N</td><td>78°40'15.54"E</td></tr> <tr> <td>H</td><td>25°27'13.29"N</td><td>78°40'12.29"E</td></tr> <tr> <td>I</td><td>25°27'14.32"N</td><td>78°40'9.46"E</td></tr> </tbody> </table>	Co-ordinates of Sanctioned MLA			Pillars	Latitude(N)	Longitude(E)	A	25°27'20.25"N	78°40'11.15"E	B	25°27'20.32"N	78°40'13.28"E	C	25°27'16.13"N	78°40'14.12"E	D	25°27'16.18"N	78°40'18.58"E	E	25°27'15.20"N	78°40'18.88"E	F	25°27'14.12"N	78°40'17.92"E	G	25°27'13.08"N	78°40'15.54"E	H	25°27'13.29"N	78°40'12.29"E	I	25°27'14.32"N	78°40'9.46"E
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H	25°27'13.29"N	78°40'12.29"E																																	
I	25°27'14.32"N	78°40'9.46"E																																	
14.	Total Geological Reserves	9,90,655 m <sup>3</sup>																																	
15.	Total Mineable Reserves	6,46,853.1 m <sup>3</sup>																																	
16.	Total Proposed Production (in five years)	2,40,000 m <sup>3</sup>																																	
17.	Proposed Production / year	48,000 m <sup>3</sup> per annum																																	
18.	Sanctioned Period of Mine lease	20 Years																																	
19.	No. of workers	51																																	
20.	Type of Land	Private Land																																	
21.	Ultimate depth of mining	12 m (243 mRL – 231 mRL)																																	
22.	Nearest metalled road from site	580 m																																	
23.	Water Requirement	10.315 KLD																																	
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No.: NABET/EIA/2124/RA0245, Valid till August 24/2024.																																	
25.	Any litigation pending against the project or land in any court	No																																	
26.	Details of 500 m Cluster certificate Verified by Mining Officer	Cluster certificate issued by DMO (Mining Section), Jhansi Letter No. 1422/ 30 एम. एम. सी /2023-24 Date – 6-10-2023																																	
27.	Details of Lease Area in approved DSR																																		
28.	Proposed EMP cost	Rs. 16.53 Lakhs																																	
29.	Length and breadth of Haul Road.	Approach Road Length 580 m & Width 7 m																																	
30.	No. of Trees to be Planted	3000																																	
31.	Monitoring Period	Winter Season (Dec 2023- Feb 2024)																																	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 28/12/2023 mentioning is as follows:

1. I Mr. Akhilesh Gupta S/o Sri. Omkar Gupta is EIA Coordinator of M/s Globus Environment Engineering Services.
2. I have prepared the TOR report for the proposal SIA/UP/MIN/453435/2023 in Name of Building Stone (Granite) or Khanda, Gitty, Boulder, Ballast Mining Project at Arazi No. 02, Area: 3.186 Ha, Village: Dimrauni, Tehsil: Sadar, District: Jhansi, State: Uttar Pradesh 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 that all the necessary data/ information submitted along with TOR Application 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. (If and as required): Not Applicable.
8. The TOR report for the Proposal is prepared by me as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 06**

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

**Additional TOR:**

1. Raw data of all the baseline monitoring parameters will be provided as an annexure to the EIA Report.
2. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Logbook of their site visit along with activities carried out during monitoring (B) Real time photographs showing monitoring machine, public, lab person etc.
3. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
4. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
5. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP & UPPCB before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.

11. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
12. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a working plantation map to be submitted at the time of EIA presentation.
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
14. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
16. Proponent to submit latest status of project site along with the site photographs and also provide mined minerals record of the respective project site at the time of EIA presentation.

**7. Sand Mining Project From Govt. land on Bed of River Yamuna at Khasra No.- 1515, Village- Gadaun, Tehsil- Sadar, District- Firozabad, Shri Vishal Pachauri, Area – 2.76 ha., 8534/SIA/UP/MIN/453672/2023**

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 Rian Enviro Private Limited. 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 Sand Mining Project on Bed of River Yamuna at Khasra No.- 1515, Village- Gadaun, Tehsil- Sadar, District- Firozabad, U.P., (Leased Area- 2.76 ha.).
2. Salient features of the project as submitted by the project proponent:

On-line proposal No.	SIA/UP/MIN/453672/2023		
File No .allotted by SEIAA,UP	8534		
Name of Proponent	M/s Yukti & Co.		
Registered Address	0 Transformer, Jalesar Road, Kaushalya Nagar, Firozabad, U.P		
Full correspondence address of proponent and mobile no.	Prop- Vishal Pachauri, R/o 323 Arya Nagar, Firozabad, Uttar Pradesh		
	yuktiandco@gmail.com		
Name of Project	Gadaun Sand Mining Project		
Project location (Plot/ Khasra /Gata No.)	Khasra No- 1515		
Name of Village	Gadaun,		
Tehsil	sadar		
District	Firozabad		
Name of Minor Mineral	Ordinary Sand (Govt. Land - River bed)		
Total Area (in Ha.)	2.76 ha		
Mineable Area (in Ha.)	2.20 ha		
Pillar Coordinates(Verified by OMO)	Pillars	Latitude	Longitude
	A	27°7'33.92"N	78°21'34.30"E
	B	27°7'38.14"N	78°21'33.52"E
	C	27°7'38.36"N	78°21'22.77"E
	D	27°7'35.39"N	78°21'26.40"E
Period of agreement between Project proponent & Land Owner	6 months		
Mine Plan approval details	Letter No. 2023/9/12/270052 dated 20231123		
Validity of Mine Plan	6 months		

Total Proposed Production (six months)	55,200 cum		
Proposed Production/year	Project is only for 6 months		
Method of Mining	Semi-Mechanized Opencast		
No.Of workers	35		
Type of Land	Pvt. Land (River bed)		
Ultimate Depth of Mining	3.0 Meter		
Water Requirement		Particulars	KLD
		Domestic	0.7
		drinking	0.175
		Dust Suppression	2.25
		Plantation	1.5
		Total	4.62
Name of QCI Accredited Consultant with QCI No and period of validity.	Rian Enviro Private Limited 202, 204, Mangal market, Raza Bazar Sheikhpura Patna, Bihar Valid till: 10/03/2024		
Any litigation pending against the project or land in any court	No		
Areas which are important or sensitive for ecological reasons – Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests, protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, migration	No		
Areas occupied by sensitive manmade land uses (hospitals, schools, places of worship, community facilities)	Primary School, Indon, Bal Bharti School, Sufipur SRD Public School, Sujatgarh Ram Milam Public School, Firozabad Primary Health Centre, Gadaun Urban Primary Health Centre, SantNagar Raghu Shanti Hopsital, Firozabad Shankwar Temple Chandwar Jain Temple		About 1 km in S direction  About 3 km in E direction About 3.5 km in W direction About 3.5 km in direction About 2.9 km in NW direction About 4.5 km in NE direction About 4.5 km in NE Direction About 3 km in NE direction About 2.5 km in SE Direction NW
Details of 500 m Cluster Map & certificate issued by Mining Officer	403/I/Khan adhi/firo/2023-24 dated 8/12/2023		
Proposed CER cost	0.50 Lakh		
Proposed EMP cost	1.25 Lakh		
No. of Trees to be Planted	750		
Detail of CTE issued by UPPCB (for brick kiln project)	NA		

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

S.No.	Environment Management Plan (EMP)/Activity	No. of plants	Total Cost (Rs.)	
			Capital	Recurring
a.	Plantation			
	No. of plants @ 40Rs/sapling	750 saplings	30,000	6,000
	Water Demand for plantation	1.5 KLD	--	20,000
	Tree Guard @80 Rs/Plant	750 saplings	60,000	37,500
b.	Air Pollution Control		--	--
	Sprinkling on Mining Site and haulage route	2.25 KLD	--	10,000
d.	Mobile Toilets @ Rs 15000/per toilet	2 Toilets	30,000	15,000
e.	Colour Coded dustbins @ Rs 1500/set	3 sets	4,500	--



f.	Personal Protective equipment		25,000	--
<b>TOTAL</b>			<b>1,49,500</b>	<b>88,500</b>
Note : The above action plan will be implemented during project implementation phase. Zero date will start from the date of start for the proposed project.				

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

The consultant (EIA Coordinator) also submitted an affidavit dated 18/12/2023 mentioning is as follows:

1. I, Sumit Verma, S/o Shri Kamal Nath Verma is EIA Coordinator of M/s Rian Enviro Private Limited.
2. I have prepared the EC report for the proposal in the name of Gadaun Sand Mining Project 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 application/EIA/EMP required for EC application 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. The EIA/EMP report for the Proposal is prepared by my team as per guidelines 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 along with general and specific conditions as annexed at Annexure-3 to these minutes. The committee also stipulated the following additional conditions:**

1. The quantity mentioned in LoI or quantity mentioned in replenishment study, whichever is less, would be maximum quantity which project proponent may extract. It will be ensured by District Administration and Geology and Mining Department. Directorate of Geology and Mining will ensure conduct of replenishment study from reputed institution for subsequent years in compliance of Hon'ble NGT orders.
2. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be obtained before start of mining activity.
3. Project Proponent should submit action plan for carrying out plantation at least @1,000 plants / ha of lease area. In this case, PP should prepare a plan, duly approved either by Forest Department or District plantation committee, for planting at least (as per the project) plants, either on government land or community land, within a periphery of 5 km from the boundary of the lease area along with provisions for maintenance for 5 years. Survival of plants should not be less than the survival rate notified by Uttar Pradesh Forest Department otherwise it will be treated as violation of EC condition.
4. The project proponent shall install solar light in their site office.

5. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
6. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
7. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
8. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
9. The project proponent should explore the possibilities of rainwater harvesting.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
11. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
12. As per the proposed plan, plantation with area specific plant species, number of plants to be planted and report of green belt development to be submitted to the concerning department
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ water supplying agencies to be submitted.
14. Submit the Hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

**8. Group Housing project “SKA Destiny One” at Plot No – GH-12B, Sector-ZETA-1, Greater Noida, Gautam Buddh Nagar, Shri Sanjay Sharma, M/S Prasu Developers LLP., 8536/SIA/UP/INFRA2/453696/2023**

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 Shri Sanjay Sharma join the meeting through video conferencing along with their consultant M/s Environmental and 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 Group Housing Project “SKA Destiny One” at Plot No.- GH-12B, Sector-ZETA-1, Greater Noida, Gautam Buddh Nagar, U.P., M/s Prasu Developers LLP.

2. Salient Feature details of the project:

Name and Location of the Project	Proposed Group Housing project “SKA Destiny One” at Plot No – GH-12B, Sector-ZETA-1, Greater Noida, Gautam Buddh Nagar, U.P.
Developers of the project	M/s PRASU DEVELOPERS LLP.
Net Plot Area	23655 sq.m. (2.3655 Hectares approx)
Built-up Area	137621.77 sq.m
Power Requirement & Source	Power requirement will be 2500 KVA which will be tapped From State Electricity Board.
Power Backup	Backup DG Sets will be used of capacity 2 Nos @ 1010 KVA and 1 Nos @ 600 KVA
Total Parking Proposed	1135 ECS
Solid Waste to be Generated	Approx. 0.793 TPD Horticulture Waste : 22.23 kg /Day
Total Project Cost	Rs. 227.00 Crores
Solar Lights	All common area light will be solar system based
Facilities	Proposed group housing consisting different facilities like Apartments, Gym, Children play area, Swimming Pool, banquet hall etc. Batching plant will be install within premises.
Detail Area Statement with no. of dwelling units/shops & building height	The proposed Group Housing project has 35 Nos. of Floor + Ground Floor / Stilt . Basement : Two Number (Upper and Lower)
Maximum Height	Approx. 128.40 m
Water Requirement & Source	Fresh water: 321.52 KLD (from Municipal Supply)

	Reuse of treated effluent as received from the STP: 160.64 KLD Total water requirement: 482.16 KLD
Sewage treatment & disposal	The waste water generated from proposed group housing (i.e., 369.85 KLD) would be treated in the STP of capacity 444 KLD. Recycled water shall be used after tertiary treatment i.e., 136.64 KLD water for flushing and 24.0 KLD for horticulture uses.
Connectivity	The proposed site is well connected with Road, Rail and Air networks. It is part of Greater Noida city. Boraki Railway Station – 4.30 km in East direction, GT Road (Old NH-91)– 6.77 km in North East direction, Greater Noida Link Road – 1.37 km in East direction and Indira Gandhi International Airport, New Delhi – 41.70 km in West direction from project site.

**3. Connectivity & Site Surroundings details of the project:**

Sr.No.	Connectivity & Site Surroundings		
	Description		Distance and Direction
1.	Nearest Railway Station	Boraki Railway Station	4.3 km towards North West
2.	Nearest Airport	Indira Gandhi International Airport, New Delhi	40.47 km towards West
3.	Nearest Village	Sakipur	0.44 km towards North East
		Jaitpur	1.75 km towards South East
		Surajpur	4.0 km towards South West
4.	State Boundary	UP - Haryana state border	9.73 km towards South
5.	Nearest Highway/Roads	GT Road (Old NH-91)	6.77 km in North East direction
		Greater Noida Link Road	1.37 Km in East direction
6.	Water Bodies	Hindon river	4.24 km towards in South West direction,
		Yamuna river	9.30 Km in South West direction
7.	Nearest School & College	Deep Memorial Public School,	2.87 km towards North,
		St. Francis School	7.70 km towards North West
8.	Reserved forests/ Sanctuaries	-	None within 15 km buffer zone of the project area,
9.	Wetlands	Surajpur Wetland	3.7 km in North West direction,
10.	Defence Area	Défense Colony	None within 15 km buffer zone of the project area,

**4. Area details of the project:**

Particulars	Details	Unit
Net Plot Area	23655	Sq.m.
Permissible Ground Coverage @ 35%	8279.25	Sq.m.
Proposed Ground Coverage (24.80%)	5866.70	Sq.m.
Permissible F.A.R. (A)@3.50 %	82792.50	Sq.m.
Permissible Green Building F.A.R. (B) @0.175 %	4139.63	Sq.m.
Total Permissible F.A.R. (A+B) @3.675 %	86932.13	Sq.m.
Perm. Commercial F.A.R. @ 1% of Total F.A.R.	869.32	Sq.m.
Total Proposed F.A.R.	86891.42	Sq.m.
Proposed Non-FAR	50730.35	Sq.m.
Proposed Total Built Up Area [FAR + Non-FAR]	137621.77	Sq.m.
Open Area (@ 75.2 %)	17788.30	Sq.m.
Required Green Area (@50 % of Open Area)	8894.15	Sq.m.
Proposed Green Area (@ 50.3 % of Open Area)	8950.028	Sq.m.
Parking Area Required as per regulations	32580.0	Sq.m.
Parking Area Proposed	33223.72	Sq.m.
Total ECS Required	1086	Nos.
Total ECS Proposed	1135	Nos.
Maximum height of the building (in mtrs)	128.4	Mtrs
Required number of trees	178	Nos.
Proposed no of tree to be planted	190	Nos.
Rain water harvesting pit proposed	12	Nos.
Provision of Solar light / Solar Water Heater (if any kindly provide the details)	30 kw for common area lighting.	

**5. Proposed population:**

S.No.	Description	No. of Units/Seats	Unit Population	Total Population
1	Apartments (3-BHK)	512	4.5	2304
2	Apartments (4-BHK)	133	4.5	599
3	Floating Population (10 % of Total Population)			300
4	Maintenance Staff / Drivers			150
	<b>Total</b>			<b>3353</b>

**6. Water requirement details:**

<b>Water/ Waste water Details</b>	
Domestic Fresh water	291.52 KLD
Filter Backwash	20 KLD
Makeup Water for Swimming Pool	10 KLD
Flushing (Recycled water)	136.64 KLD
Horticulture uses (Recycled water)	24.0 KLD
Total water requirement	482.16 KLD
Total recycled water	160.64 KLD
Source of water – Municipal Corporation Supply	

**7. Parking details:**

Parking Area Proposed	33223.72 sq.m
Required Parking	1086 ECS
Proposed Parking	1135 ECS
<b>Total Parking</b>	<b>1135 ECS</b>

**8. Solid waste generation details:**

S.No.	Location	Population/Area	Kg per capita per day	Waste generated (kg/day)	Waste generated (MT/day)
1	Apartments (3-BHK)	2304	0.25	576	0.576
2	Apartments (4-BHK)	599	0.25	149.75	0.150
3	Floating Population	300	0.15	45	0.045
4	Maintenance Staff /Drivers	150	0.15	22.5	0.023
5	Community (LS)		-	-	0.000
6	Commercial (LS)	-	-	-	0.000
	<b>Total</b>	<b>3353</b>		<b>793.25</b>	<b>0.793</b>
7	Horticulture Waste (Area- 6000 sqm) or 1.482 Acres @ 15kg/acre/day	1.482	15	22.23	0.022
	<b>Grand Total</b>			<b>815.48</b>	<b>0.82</b>

**9. Power Requirement details:**

Parameters	Operation Phase
Proposed Power Requirement	2500 KVA
Supply by	Power requirement will be sourced from State Electricity Board.
Back-up power supply	There is provision of 3 nos. of Power Genset sets of 2 Nos @ (1010 KVA) and 1 No @ (600 KVA) capacity for power back up in this Project.
Stack Height of proposed Genset	6.3 m above roof top.
Energy Conservation	10 % Energy Saving by adopting different energy conservation measures.
Solar Power	Common area lights will be based on Solar Power. Solar Panel will be installed over roof top. Solar based lighting (30 kw ) will be provided.

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

Sr.No.	CER Activities	Year wise budget		
		01 <sup>st</sup>	2 <sup>nd</sup>	Total (in Lakhs)
1	Adoption of village School for improvement in infrastructure and facility like (Solar Light, Drinking Water Facility, Toilets, Laptop & Computers etc) and smart classes in village : Sakipur, Jaitpur.	45	45	90

2	Sensor based Solar light (300 Nos) distribution in village : Sakipur, Jaitpur.	15	15	30
3	Plantation in nearby areas	25	22	47
4	Creation of Rain Water harvesting system in Government Offices, School, Panchayat Bhawan etc. in village : Sakipur, Jaitpur.	30	30	60
	Total	115	112	227.0
	Net Amount			227.0
Note : The above action plan will be implemented during project implementation phase. Zero date will start from the date of start for the proposed project.				

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

The consultant (EIA Coordinator) also submitted an affidavit dated 27/12/2023 mentioning is as follows:

1. I, Anubhav Singh, S/o Shri Bhupendra Pratap Singh is EIA Coordinator of M/s Environmental and Technical Research Centre.
2. I have prepared the Form-1, Form-1A and conceptual plan for EC of the Group Housing Project "SKA Destiny One" at Plot No.- GH-12B, Sector-ZETA-1, Greater Noida, Gautam Buddh Nagar, U.P., M/s Prasu Developers LLP with my team.
3. I have personally visited the site of proposal and certify that no construction activity for proposed establishment has been undertaken on the project site for the present proposal.
4. I am satisfied that all the necessary data/information submitted along with application 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. The Form-1, Form-1A and conceptual plan report for the proposal is prepared by my team as per guidelines laid down by QCI/NABET.

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

**The committee discussed the matter and recommended grant of environmental clearance 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 shall comply the use of fuel for backup power as per guidelines by "Commission of Air Quality Management in NCR", directions of courts and CPCB shall be strictly adhered regarding DG sets (cleaner fuel as PNG/CNG/permissible fuel in NCR). The project proponent shall follow the orders/guidelines issued by Hon'ble Court(s)/Competent authorities from time to time.
5. 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.
6. 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.

7. 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
8. Project proponent should invest the CSR amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment.
9. 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.
10. 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.
11. 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.
12. 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.
13. The project proponent will make necessary arrangement to get Structural auditing conducted by an expert institution once in 05 years during life span of the building to ensure safe life of the residents and prevent environmental and social hazards.
14. The project proponent shall plan for stormwater management drained with appropriate slope and length so that the flood water could get a passage to release in a short span of time

**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, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
  5. Sand, murrum, 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.

**9. Sand/Morrum Mining having along River Bagen at Gata No-1749kh, 1766, 2421 at Village-Tera(B) Tehsil-Atarra, District- Banda, Shri Chandra Shekhar Dwivedi, Area-9.340 ha., 8538/SIA/UP/MIN/453781/2023**

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 Riverbed Sand/Morrum Mining along River Bagen in Gata No.-1749 kh,1766, 2421 at Village-Tera (B) Tehsil-Atarra, District- Banda, U. P., (Leased Area-9.340 ha.)
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/453781/2023																																																
2.	File No. allotted by SEIAA, UP	8538																																																
3.	Name of Proponent	M/s Chandra Shekhar Dwivedi Prop: Shri Chandra Shekhar Dwivedi S/o Jagmohan																																																
4.	Full correspondence address of proponent and mobile no.	R/o Village-Nakehlee Ganeeva, Tehsil-Rajapur, District-Chitrakoot Uttar Pradesh-241504 Mobile no.- 9453740890 E mail ID- chandrashekhhard1955@gmail.com																																																
5.	Name of Project	Terms of reference for environment clearance of "Proposed Riverbed Sand/Morrum Mining having lease area-9.340 ha along River Bagen in Gata No-1749kh,1766, 2421 at Village-Tera (B) Tehsil-Atarra, District- Banda, U. P. of M/s Chandra Shekhar Dwivedi.																																																
6.	Project Location (Plot. Khasra/Gata No.)	Gata No-1749kh,1766,2421																																																
7.	Name of Village	Village-Tera (B)																																																
8.	Tehsil	Atarra																																																
9.	District	Banda																																																
10.	Name of Minor Mineral	"River bed Sand/morrum mining"																																																
11.	Sanctioned Lease Area (in Ha.)	9.340 ha																																																
12.	Max. & Min mRL within lease area	The highest level of area is 123.5 mRL The lowest level is 119.10 mRL																																																
13.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillar No</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr><td align="center" colspan="3">Block-1</td></tr> <tr><td align="center">A</td><td align="center">25° 12.342'N</td><td align="center">80° 35.548'E</td></tr> <tr><td align="center">B</td><td align="center">25° 12.303'N</td><td align="center">80° 35.624'E</td></tr> <tr><td align="center">C</td><td align="center">25° 11.979'N</td><td align="center">80° 35.664'E</td></tr> <tr><td align="center" colspan="3">Block-2</td></tr> <tr><td align="center">A</td><td align="center">25° 12.322'N</td><td align="center">80° 35.600'E</td></tr> <tr><td align="center">B</td><td align="center">25° 12.353'N</td><td align="center">80° 35.710'E</td></tr> <tr><td align="center">C</td><td align="center">25° 12.309'N</td><td align="center">80° 35.695'E</td></tr> <tr><td align="center" colspan="3">Block-3</td></tr> <tr><td align="center">A</td><td align="center">25° 12.364'N</td><td align="center">80° 35.710'E</td></tr> <tr><td align="center">B</td><td align="center">25° 12.379'N</td><td align="center">80° 35.815'E</td></tr> <tr><td align="center">C</td><td align="center">25° 12.551'N</td><td align="center">80° 35.902'E</td></tr> <tr><td align="center">D</td><td align="center">25° 12.551'N</td><td align="center">25° 35.916'N</td></tr> <tr><td align="center">E</td><td align="center">25° 12.359'N</td><td align="center">80° 35.845'E</td></tr> <tr><td align="center">F</td><td align="center">25° 12.353'N</td><td align="center">80° 35.710'E</td></tr> </tbody> </table>	Pillar No	Latitude	Longitude	Block-1			A	25° 12.342'N	80° 35.548'E	B	25° 12.303'N	80° 35.624'E	C	25° 11.979'N	80° 35.664'E	Block-2			A	25° 12.322'N	80° 35.600'E	B	25° 12.353'N	80° 35.710'E	C	25° 12.309'N	80° 35.695'E	Block-3			A	25° 12.364'N	80° 35.710'E	B	25° 12.379'N	80° 35.815'E	C	25° 12.551'N	80° 35.902'E	D	25° 12.551'N	25° 35.916'N	E	25° 12.359'N	80° 35.845'E	F	25° 12.353'N	80° 35.710'E
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14.	Total Geological Reserves	1,04,485 m3																																																

15.	Total Mineable Reserve	59,124 m3
16.	Total Proposed Production (in five year)	57,272.0 m3 (6 Months)
17.	Proposed Production /year (as per LoI)	57,272.0 m3 (6 Months)
18.	Sanctioned Period of Mine lease	Plan Period 6 months
19.	No. of worker	51
20.	Type of Land	Govt./Non Forest Land
21.	Ultimate Depth of Mining	1.0 m
22.	Nearest metalled road from site	0.50 km
23.	Water Requirement	PURPOSE
		Drinking - 0.51 KLD
		Suppression of dust - 6.0 KLD
		Plantation - 1.0 KLD
		Others (if any) - 0.00 KLD
		Total 7.51 KLD
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124 RA 0224, Valid till -01 May 2024
25.	Any litigation pending against the project or land in any court	No
26.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 62/khanij-30, Banda, dated - 07/08/2023
27.	Details of Lease Area in approved DSR	DSR approved by District Authority, Page No.63, Sr. No.50
28.	Proposed EMP cost	Proposed EMP cost Approx.10.0 Lacs (Project Cost-70.0 Lacs, Proposed CER cost-1.40 Lacs)
29.	Length and breadth of Haul Road	Length – 0.50 km, Breadth – 6.00 m
30.	No. of Trees to be Planted	1000
31.	Monitoring Period	Baseline Monitoring Period: October 2023 to December 2023

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 13/12/2023 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-9.340 ha along River Bagen in Gata No-1749kh, 1766, 2421 at Village-Tera (B) Tehsil-Atarra, District-Banda, U. P. of M/s Chandra Shekhar Dwivedi, Prop: Chandra Shekhar Dwivedi, Proposal No. SIA/UP/MIN/453781/2023 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. 09**

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

**Additional TOR:**

1. Raw data of all the baseline monitoring parameters will be provided as an annexure to the EIA Report.
2. 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.
3. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
4. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Logbook of their site visit along with activities carried out during monitoring (B) Real time photographs showing monitoring machine, public, lab person etc.
5. 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 and UPPCB 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 working with area specific plant species, number of plants to be planted and place of plantation along with a working plantation 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.

**10. “Ordinary Earth Mine”,at (Khasra/Gata No.- 899, 912 & 894,) Village- Ibrahimabad, Tehsil- Nawabganj, District- Barabanki, Shri Ankit Verma, Area- 0.667 Ha., 8540/SIA/UP/MIN/453857/2023**

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 AWS Envirotech (OPC) Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for “Ordinary Earth Mine” at Khasra/Gata No.- 899, 912, & 894, Village- Ibrahimabad, Tehsil- Nawabganj, District- Barabanki, Uttar Pradesh, (Leased Area: 0.667 Ha.)
2. Salient features of the project as submitted by the project proponent:

1.	On-line Proposal No.	SIA/UP/MIN/453857/2023																																													
2.	File No. allotted by SEIAA, U.P.	8540																																													
3.	Name of Proponent	Shri Ankit Verma																																													
4.	Full correspondence address of proponent	Shri Ankit Verma S/o Shri Shiv Raj Singh R/o- Village- Atrora, Majre Bahadurpur, Tehsil- Nawabganj, Barabanki, Uttar Pradesh E-mail Id- ankitverma541818@gmail.com																																													
5.	Name of Project	“Ordinary Earth Mine” at Village- Ibrahimabad, Tehsil- Nawabganj, District- Barabanki, Uttar Pradesh																																													
6.	Project Location (Plot/Khasra/Gata No.)	Khasra/Gata No.- 899, 912, & 894, Village- Ibrahimabad, Tehsil- Nawabganj, District- Barabanki, Uttar Pradesh																																													
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10.	Name of Minor Mineral	Ordinary earth																																													
11.	Sanctioned Lease Area (in Ha.)	0.667 ha.																																													
12.	Max. & Min mRL within lease area	Highest- 133 mRL & Lowest- 131 mRL																																													
13.	Pillar Coordinates (Verified by DMO)	Geo-Coordinates are- <table><tr><td>Plot No.</td><td>Points</td><td>Latitude</td><td>Longitude</td></tr><tr><td rowspan="4">899</td><td>A</td><td>26°46'9.53" N</td><td>81°13'47.44"E</td></tr><tr><td>B</td><td>26°46'8.31" N</td><td>81°13'49.22"E</td></tr><tr><td>C</td><td>26°46'7.12" N</td><td>81°13'48.19"E</td></tr><tr><td>D</td><td>26°46'8.43" N</td><td>81°13'46.37"E</td></tr><tr><td rowspan="4">894</td><td>A</td><td>26°46'6.26" N</td><td>81°13'49.21"E</td></tr><tr><td>B</td><td>26°46'4.65" N</td><td>81°13'51.71"E</td></tr><tr><td>C</td><td>26°46'3.88" N</td><td>81°13'50.97"E</td></tr><tr><td>D</td><td>26°46'5.44" N</td><td>81°13'48.55"E</td></tr><tr><td rowspan="4">912</td><td>A</td><td>26°46'3.09" N</td><td>81°13'52.48"E</td></tr><tr><td>B</td><td>26°46'2.52" N</td><td>81°13'51.90"E</td></tr><tr><td>C</td><td>26°46'3.41" N</td><td>81°13'50.56"E</td></tr><tr><td>D</td><td>26°46'4.02" N</td><td>81°13'51.11"E</td></tr></table>			Plot No.	Points	Latitude	Longitude	899	A	26°46'9.53" N	81°13'47.44"E	B	26°46'8.31" N	81°13'49.22"E	C	26°46'7.12" N	81°13'48.19"E	D	26°46'8.43" N	81°13'46.37"E	894	A	26°46'6.26" N	81°13'49.21"E	B	26°46'4.65" N	81°13'51.71"E	C	26°46'3.88" N	81°13'50.97"E	D	26°46'5.44" N	81°13'48.55"E	912	A	26°46'3.09" N	81°13'52.48"E	B	26°46'2.52" N	81°13'51.90"E	C	26°46'3.41" N	81°13'50.56"E	D	26°46'4.02" N	81°13'51.11"E
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14.	Total Geological Reserves	14,674 m <sup>3</sup>																																													
15.	Total Mineable Reserves	11,405.7 m <sup>3</sup>																																													
16.	Total Proposed Production	11,400 m <sup>3</sup> (in 3 months)																																													
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18.	Sanctioned Period of Mine lease	03 months																																													
19.	No. of workers	12																																													
20.	Type of Land	Private land																																													
21.	Ultimate Depth of Mining	2.2m																																													
22.	Nearest metalled road from site	0.3 km																																													
23.	Water Requirement	PURPOSE		REQUIREMENT (KLD)																																											
		Drinking		0.12 KLD																																											

		Suppression of dust	2.36 KLD
		Plantation	0.06 KLD
		Total	2.54 KLD
24.	Name of QCI Accredited Consultant with QCI No. and period of validity	M/s AWS Envirotech (OPC) Pvt. Ltd. 2 <sup>nd</sup> floor Devpuri plaza, Neelgiri crossing, Faizabad road, Indranagar, Lucknow-226016, U.P. Certificate no. NABET/EIA/2225/IA 0097 (Rev.01) Valid Till July 14, 2025	
25.	Any litigation pending against the project or land in any court	No	
26.	Details of 500 m Cluster Certificate verified by Mining Officer	Vide Letter No.- 1747 A.J.A II Dated- 17.11.2023	
27.	Details of Lease Area in approved DSR	Its ordinary soil mining project, DSR not applicable	
28.	Proposed EMP cost	EMP Cost- Rs. 95,000/-	
29.	Length and breadth of Haul Road	340 m	
30.	No. of Trees/saplings to be Planted	30	

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

S. No.	Particulars	Details	Total Cost (Rs.)
1.	Afforestation/ No. of saplings (proposed plant 30 in excavation period)	Rs 1000/Saplings (plantation including maintenance)	30,000
2.	Water Demand Expenses	-	43,000
3.	Color coded Dust Bins as per MSW rule 2016	-	2,000
4.	Miscellaneous	-	20,000
<b>Total</b>			<b>95,000/-</b>

Note : The above action plan will be implemented during project implementation phase. Zero date will start from the date of start for the proposed project.

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

The consultant (EIA Coordinator) also submitted an affidavit dated 29/11/2023 mentioning is as follows:

- I Sandeep Kumar S/o Sri R. K. Verma is EIA coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd. Lucknow,
- I have prepared the EC application report for the Proposal of "Ordinary Earth Mine" at Khasra/Gata No.- 899, 912, & 894, Village- Ibrahimabad, Tehsil- Nawabganj, District- Barabanki, Uttar Pradesh, (Leased Area: 0.667 Ha.) with my team.
- I have personally visited the site of proposal and certify that no mining/construction activity has been undertaken on the project site for the present proposal.
- I am satisfied that all the necessary data/information submitted along with EC application are true and correct.
- I certify that this project has been uploaded for the first time on Parivesh Portal.
- I certify that there is no mismatch between information/data provided on online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.



7. The EC application for the proposal is prepared by my team as per guidelines laid down by NABET/QCI.

#### **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-4 to these minutes.

#### **11. “Ordinary Earth Mine”, at Khasra/Gata No.- 44, 47, 48, Village- Dereraja, Tehsil- Sirauli Gauspur, District- Barabanki, Shri Omkar, Area- 0.63 Ha., 8542/SIA/UP/MIN/453992/2023**

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 AWS Envirotech (OPC) Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for “Ordinary Earth Mine” Khasra/Gata No.- 44, 47 & 48, Village- Dereraja, Tehsil- Sirauli Gauspur, District- Barabanki, Uttar Pradesh, (Leased Area: 0.63 Ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/453992/2023		
2.	File No. allotted by SEIAA, U.P.	8542		
3.	Name of Proponent	Shri Omkar		
4.	Full correspondence address of proponent	Shri Omkar S/o Shri Saheb Lal R/o- Village- Untwa, Tehsil- Sirauli Gauspur, District- Barabanki, Uttar Pradesh E-mail Id- omkar541818@gmail.com		
5.	Name of Project	“Ordinary Earth Mine” at Village- Dereraja, Tehsil- Sirauli Gauspur, District- Barabanki, Uttar Pradesh		
6.	Project Location (Plot/Khasra/Gata No.)	Khasra/Gata No.- 44, 47 & 48, Village- Dereraja, Tehsil- Sirauli Gauspur, District- Barabanki, Uttar Pradesh		
7.	Name of Village	Dereraja		
8.	Tehsil	Sirauli Gauspur		
9.	District	Barabanki		
10.	Name of Minor Mineral	Ordinary earth		
11.	Sanctioned Lease Area (in Ha.)	0.63 ha.		
12.	Max. & Min mRL within lease area	Highest- 127 mRL & Lowest- 126 mRL		
13.	Pillar Coordinates (Verified by DMO)	Plot No.	Points	Latitude Longitude
		47	A	26°58'20.42" N 81°35'32.11"E
			B	26°58'19.58" N 81°35'33.36"E
			C	26°58'20.87" N 81°35'34.44"E
			D	26°58'21.74" N 81°35'33.12"E
		48	A	26°58'20.42" N 81°35'32.11"E
			B	26°58'19.58" N 81°35'33.36"E
			C	26°58'17.91" N 81°35'31.95"E
			D	26°58'18.73" N 81°35'30.75"E
		44	A	26°58'18.32" N 81°35'34.08"E
			B	26°58'17.72" N 81°35'35.03"E
			C	26°58'16.61" N 81°35'34.16"E
			D	26°58'17.18" N 81°35'33.17"E
14.	Total Geological Reserves	13,860 m <sup>3</sup>		
15.	Total Mineable Reserves	10,773 m <sup>3</sup>		
16.	Total Proposed Production	10,700 m <sup>3</sup> (in 3 months)		

17.	Proposed Production	10,700 m <sup>3</sup> (in 3 months)	
18.	Sanctioned Period of Mine lease	03 months	
19.	No. of workers	12	
20.	Type of Land	Private land	
21.	Ultimate Depth of Mining	2.2m	
22.	Nearest metalled road from site	550 m	
23.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	0.12 KLD
		Suppression of dust	1.48 KLD
		Plantation	0.06 KLD
		Total	1.66 KLD
24.	Name of QCI Accredited Consultant with QCI No. and period of validity	M/s AWS Envirotech (OPC) Pvt. Ltd. 2 <sup>nd</sup> floor Devpuri plaza, Neelgiri crossing, Faizabad road, Indranagar, Lucknow-226016, U.P. Certificate no. NABET/EIA/2225/IA 0097 (Rev.01) Valid Till July 14, 2025	
25.	Any litigation pending against the project or land in any court	No	
26.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no.- 1748 A.J.A II Dated- 17.11.2023	
27.	Details of Lease Area in approved DSR	Its ordinary soil mining project, DSR not applicable	
28.	Proposed EMP cost	EMP Cost- Rs. 87,000/-	
29.	Length and breadth of Haul Road	260m & 6m	
30.	No. of Trees to be Planted	30	

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

S. No.	Particulars	Details	Total Cost (Rs.)
1.	Afforestation/ No. of saplings (proposed plant 30 in excavation period)	Rs 1000/Saplings (plantation including maintenance)	30,000
2.	Water Demand Expenses	-	35,000
3.	Color coded Dust Bins as per MSW rule 2016	-	2,000
4.	Miscellaneous	-	20,000
<b>Total</b>			<b>87,000/-</b>

Note : The above action plan will be implemented during project implementation phase. Zero date will start from the date of start for the proposed project.

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

The consultant (EIA Coordinator) also submitted an affidavit dated 29/11/2023 mentioning is as follows:

- I Sandeep Kumar S/o Sri R. K. Verma is EIA coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd. Lucknow,
- I have prepared the EC application report for the Proposal of "Ordinary Earth Mine" Khasra/Gata No.- 44, 47 & 48, Village- Dereraja, Tehsil- Sirauli Gauspur, District- Barabanki, Uttar Pradesh, (Leased Area: 0.63 Ha.) with my team.
- I have personally visited the site of proposal and certify that no mining/construction activity has been undertaken on the project site for the present proposal.

4. I am satisfied that all the necessary data/information submitted along with EC application are true and correct.
5. I certify that this project 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 submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EC application for the proposal is prepared by my team as per guidelines laid down by NABET/QCI.

**RESOLUTION AGAINST AGENDA NO. 11**

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-4 to these minutes.

- 12. “Ordinary Earth Mine”, at Gata No.- 55, 55, & 55, Village- Korra Kanak A-1, Tehsil- Fatehpur, District- Fatehpur, Shri Nikhil Pandey, Area- 0.4615 Ha., 8544/SIA/UP/MIN/454080/2023**

**RESOLUTION AGAINST AGENDA NO. 12**

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.

- 13. “Gitti, Stone Mining Project in” Gata No.- 587, Khand No.- 04, Village Nahari, Tehsil- Naraini, District: Banda, Shri Dharmveer Singh, Area 2.0 Ha., 8546/SIA/UP/MIN/454112/2023**

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 terms of reference is sought for “Gitti, Stone Mining Project in” Gata No.- 587, Khand No.- 04, Village Nahari, Tehsil- Naraini, District: Banda, U.P., (Leased Area- 2.0 Ha).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/454112/2023
2.	File no. allotted by SEIAA, UP	8546
3.	Name of proponent	M/s Dharmveer Prop of Shri Dharmveer Singh S/o-Shri Bheem Singh,
4.	Full correspondence address of proponent.	R/o- Vill. Chuchela Khurd, Thana Mandi Dhanora, District-Amroha (U.P.)
5.	Name of Project	Gitti, Stone Mining Project
6.	Project location (Plot / Khasra / Gata No.)	Gata No. 587 Khand No. 04
7.	Name of Village	Nahari
8.	Tehsil	Naraini
9.	District.	Banda
10.	Name of Minor Mineral	Gitti, Stone
11.	Sanction Lease Area (in Ha.)	2.0 Ha.

12.	Max. & Min mRL within lease area	Maximum Elevation: 247mRL, Minimum Elevation: 191 mRL		
13.	Pillar Coordinates (Verified by DMO)			
		Pillar	Latitude(N)	Longitude(E)
		A	25°05'36.675"N	80°21'58.835"E
		B	25°05'35.591"N	80°22'01.038"E
		C	25°05'28.259"N	80°21'56.581"E
		D	25°05'29.267"N	80°21'54.460"E
14.	Total Geological Reserves	5,07,528 m <sup>3</sup>		
15.	Total Mineable Reserves	3,97,440 m <sup>3</sup>		
16.	Total Proposed Production (in five year)	1,00,000 m <sup>3</sup> in 5 years		
17.	Proposed production / year	20,000 m <sup>3</sup> per year		
18.	Sanction Period of Mine lease	10 Years as per Letter of Intent		
19.	No. of workers	Approximately 21 workers		
20.	Type of Land	Government Land		
21.	Ultimate depth of mining	33.0m for Five years as per approved mining plan		
22.	Nearest metalled road from Site	NH-49 at 0.28 km towards West direction.		
23.	Water requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking water		0.31 KLD
		Dust suppression		2.52 KLD
		Plantation		2.0 KLD
		Others (if any)		-
		Total		4.83 KLD approx.
24.	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		
25.	Any litigation pending against the project or land in any court.	No		
26.	Detail of 500 m Cluster certificate verified by mining officer	Letter No. 662/KHANIJ-30, BANDA, Date-16.10.2023		
27.	Detail of Lease Area in approved DSR	Corrigendum Letter No.- 1374/Khanij-30, Banda Dated- 13 August 2019		
28.	Proposed EMP cost	Rs. 8,75,065/-		
29.	Length and breadth of Haul Road	280 m length and 6m width		
30.	No. of Trees to be planted.	2,000		
31.	Monitoring Period.	01/12/2023 to 28/02/2024		

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

The consultant (EIA Coordinator) also submitted an affidavit dated 26/12/2023 mentioning is as follows:

- I Vishnu Kumar Awasthi S/o Lt. R G Awasthi 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 TOR report for the Proposal No. SIA/UP/MIN/454112/2023, File No. 8546 for "Gitti, Stone Mining Project in" Gata No.- 587, Khand No.- 04, Village Nahari, Tehsil- Naraini, District: Banda, U.P., (Leased Area- 2.0 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 have satisfied with that all the necessary data/information required for TOR 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. The TOR report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 13**

**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. Cluster EMP for all the mining areas should be submitted along with EIA report.
2. Trees felling from the proposed mining area shall be as permitted by the forest department under the prescribed rules. Suitable clearance in this regard shall be obtained from the competent authority.
3. Raw data of all the baseline monitoring parameters will be provided as an annexure to the EIA Report.
4. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Logbook of their site visit along with activities carried out during monitoring (B) Real time photographs showing monitoring machine, public, lab person etc.
5. 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 shall submit a notarized affidavit at the time of 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 & UPPCB 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.
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 working plantation 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. Proponent/consultant to submit latest status of project site along with the geo-coordinates, date, time & site photographs at the time of EIA presentation.

**14. Group Housing Project “Orchid Height” situated at Khasra no. 171, 172 & 173 , Village – Uttar Dhauna, District – Lucknow, Uttar Pradesh, M/s Omega Developers and Builders. 4352/SIA/UP/NCP/22833/2018**

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. The project proponent/consultant submits the following chronology of the project during the meeting:

1. *The present project is for seeking the terms of reference under violation category for carrying out the EIA studies for the group housing project under the name of “Orchid Height” situated at Khasra Nos. 171, 172 and 173, Village – Uttar Dhauna, District & Tehsil – Lucknow, Uttar Pradesh. The said project was submitted online on Parivesh Portal for environment clearance on 13<sup>th</sup> September 2017 (Proposal No. SIA/UP/NCP/22833/2018, File No. 4352) under the six-month violation window which was provided by the MoEFCC vide notification dated 14/03/2017. The notification is aimed at exacting compliance to environmental laws from such projects and activities functioning without obtaining prior environmental clearance.*
2. *At the time of application i.e. on 13/09/2017, the project has completed 100% construction work and the possession has also been given. At present, the status quo is maintained, and the project is fully operational.*
3. *Further, at the time of initial application of EC, the ministry issued a notification dated 14<sup>th</sup> March 2017 detailing the process for such projects which have begin the construction activities without obtaining prior environment clearance in terms of provisions of the Environment Impact Assessment (EIA) Notification, 2006. The time period of six months (14/03/2017 to 13/09/2017) was given vide aforesaid Notification to the proponents to submit proposals.*
4. *The reason due to which we were not able to proceed with the EC application was primarily due to the internal management and financial issues and when these got resolved, we gathered our resources and headed again for seeking the environment clearance but were hit upon by the worldwide pandemic of Covid-19.*
5. *With an intent to obtain the environment clearance and ensure the compliance at the earliest with the MoEFCC notification dated 14.03.2017 we made correspondences to the SEIAA, U.P. to relist our project and subsequently our project has been relisted for seeking terms of reference in 821<sup>st</sup> SEAC meeting dated 29/12/2023.*

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 Group Housing Project “Orchid Height” situated at Khasra no. 171, 172 & 173, Village – Uttar Dhauna, District – Lucknow, Uttar Pradesh, M/s Omega Developers and Builders.

2. Environmental sensitivity around the project site submitted by project proponent:

S. No.	Particulars	Details
1	Site latitude	26°53'42.92"N
2	Site longitude	81° 4'25.45"E
3	Present landuse	Residential as per Zila Panchayat Approval Letter
4	Nearest railway station	Gomti Nagar Railway station – 8 km (NE),
6	Nearest Airport	Chaudhary Charan Singh International Airport – 22 KM [SW]
7	Nearest town/city	Lucknow
8	Nearest settlement	Uttardhauna Kala Gaon
9	Topography	Flat Topography
10	National parks/wildlife sanctuaries/ zoo/monuments	None within the study area
11	Reservoir/lake/river	Gomti River- 7.0 Km (S)
12	Seismicity	Seismic Zone-III

3. Salient features of the project:

Name of the project	Group Housing Project “Orchid Height” situated at Khasra nos. 171. 172 & 173, Village – Uttar Dhauna, District and Tehsil – Lucknow, Uttar Pradesh.
Total Plot area	18730.41 sqm
Khasra details	Khasra no 171, 172 and 173
Total Built-up Area	71354.7 sqm
Project cost	48.9 Crores
Land Use	Residential
Water Demand and Source	Fresh water demand – 150 KLD Total water requirement - 200 KLD Source : Ground water supply
Waste Water	160 KLD
STP Capacity	200 KLD
Power Demand	2964 kVA Source : UPPCL
Proposed Backup Power (LPG/CNG based)	1 x 125 KVA [Low Sulphur Diesel]
Solid Waste Generation	1.14 TPD
Green area	4408 sqm

4. Area details of the project:

S. No.	Items	Area/Unit
1	Total plot area	18730.41 sqm
2	Proposed Built Up Area	71354.7 sqm
3	Number of Building Blocks	6 Nos
4	Total no of Saleable DU's	444 Nos
5	Max Height of Building	42 M
6	Max No of Floors (Residential Towers)	Basement + Stilt + 13 Floors
7	Expected Population (2220 Residential + 227 Floating)	2447 persons
8	Proposed Ground Coverage (23.9%)	4472 sqm
9	Proposed F.A.R. Area	55029.36 sqm

5. Water calculation details:

S. No.	Description	unit/Area (in m <sup>2</sup> )	Total Occupancy (@ 5/unit)	Rate of fresh water demand (lpcd)	Fresh Water (KLD)	Flushing/ Recycled water (KLD)	Total Water Requirement (KLD)
1.	Residential	444	2220	Fresh Water @ 65 LPCD	144	46	190

				Flushing Water @ 21 LPCD			
2.	Visitors	10% of total occupancy	220	Fresh Water @ 5 LPCD Flushing Water @ 10 LPCD	1.1	2.2	3.3
3.	Staff	5% of total	111	Fresh Water @ 30 LPCD Flushing Water @ 15 LPCD	3.3	1.66	4.96
3.	Horticulture and Landscape development	4408		1 l/sqm		4	4
4.	Cooling water for Power Generator sets	125 KVA		0.9 l/KVA/Hr (@ 8 hrs)		1	1
Grand Total					148.4 Say 150 KLD	53.2 Say 50	200

6. Solid waste details:

S. No.	Particulars	Population	Waste generated(Kg/day)
1	Residential (@ 0.5 Kg/day)	2220	1110
2	Visitors (@ 0.15 Kg/day)	20	3
3	Staff (@ 0.15 Kg/day)	220	33
Total Solid Waste Generated			1146
Horticulture Waste (@0.0037 kg/day)			16

7. The project proposal fall under category 8(a) of EIA Notification, 2006 (as amended) and MoEFCC, Notification dated 14/03/2017 and 08/03/2018.

**RESOLUTION AGAINST AGENDA NO-14**

**The committee discussed the matter in light of MoEF&CC Notification dated 14/03/2017 and 08/03/2018 (Violation) and opined that the project proponent submit the above application under the six-month violation window period which was provided by the MoEFCC, Govt. of India vide notification dated 14/03/2017 and the project appraised by SEAC as per provision made in MoEF&CC Notification dated 14/03/2017 and 08/03/2018 (Violation). Hence, the committee recommended to issue the terms of reference (TOR) for the preparation of EIA report for the project proposal:**

1. 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 as per MoEF Notification dated 08/03/2018.
2. 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.

3. 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.
4. 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.
5. Layout and building plans approved by the competent authority.
6. 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.
7. 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.
8. Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/ villages and present status of such activities.
9. Examine baseline environmental quality along with projected incremental load due to the project.
10. 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.
11. Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area.
12. Submit the details of the trees to be felled for the project.
13. Submit the present land use and permission required for any conversion such as forest, agriculture etc.
14. Submit Roles and responsibility of the developer etc for compliance of environmental regulations under the provisions of EP Act.
15. Ground water classification as per the Central Ground Water Authority.
16. Examine the details of Source of water, water requirement, use of treated waste water and prepare a water balance chart.
17. 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.
18. The project proponent to submit a plan for stormwater management drained with appropriate slope and length so that the flood water could get a passage to release in a short span of time
19. Examine soil characteristics and depth of ground water table for rainwater harvesting.
20. Examine details of solid waste generation treatment and its disposal.
21. 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.
22. 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.
23. 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.
24. A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.
25. Examine the details of transport of materials for construction which should include source and availability.

26. Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.
27. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
28. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
29. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
30. Examine the probable displacement/ disturbance of human/wild animal/birds settlement/migration due to impact of proposed project and suggest the suitable mitigation measures
31. 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.
32. 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>".

**15. Group Housing Project “Green Park” at Khasra No. 174 & 179, Village Uttar Dhauna, District and Tehsil Lucknow, Omega Developers And Builders, 4354/SIA/UP/NCP/22830/2018**

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. The project proponent/consultant submits the following chronology of the project during the meeting:

1. *The present project is for seeking the terms of reference under violation category for carrying out the EIA studies for the group housing project under the name of “Green Park” situated at Khasra Nos. 174 and 179, Village – Uttar Dhauna, District & Tehsil – Lucknow, Uttar Pradesh. The said project was submitted online on Parivesh Portal for environment clearance on 13<sup>th</sup> September 2017 (Proposal No. SIA/UP/NCP/22830/2018, File No. 4354) under the six-month violation window which was provided by the MoEFCC vide notification dated 14/03/2017. The notification is aimed at exacting compliance to environmental laws from such projects and activities functioning without obtaining prior environmental clearance.*
2. *At the time of application i.e. on 13/09/2017, the project has completed 100% construction work and the possession has also been given. At present, the status quo is maintained, and the project is fully operational.*
3. *Further, at the time of initial application of EC, the ministry issued a notification dated 14<sup>th</sup> March 2017 detailing the process for such projects which have begin the construction activities without obtaining prior environment clearance in terms of provisions of the Environment Impact Assessment (EIA) Notification, 2006. The time period of six months (14/03/2017 to 13/09/2017) was given vide aforesaid Notification to the proponents to submit proposals.*
4. *The reason due to which we were not able to proceed with the EC application was primarily due to the internal management and financial issues and when these got resolved, we gathered our resources and headed again for seeking the environment clearance but were hit upon by the worldwide pandemic of Covid-19.*
5. *With an intent to obtain the environment clearance and ensure the compliance at the earliest with the MoEFCC notification dated 14.03.2017 we made correspondences to the SEIAA, U.P.*

*to relist our project and subsequently our project has been relisted for seeking terms of reference in 821<sup>st</sup> SEAC meeting dated 29/12/2023.*

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 Group Housing Project “Green Park” situated at Khasra no. 174 & 179 , Village – Uttar Dhauna, District – Lucknow, Uttar Pradesh, M/s Omega Developer and Builders.
2. Environmental sensitivity around the project site submitted by project proponent:

S. No.	Particulars	Details
1	Site latitude	26°53'41.72"N
2	Site longitude	81°04'25.67"E
3	Present landuse	Residential as per Zila Panchayat Approval Letter
4	Nearest railway station	Gomti Nagar Railway station – 8 km (NE),
6	Nearest Airport	Chaudhary Charan Singh International Airport – 22 KM [SW]
7	Nearest town/city	Lucknow
8	Nearest settlement	Uttardhauna Kala Gaon
9	Topography	Flat Topography
10	National parks/wildlife sanctuaries/ zoo/monuments	None within the study area
11	Reservoir/lake/river	Gomti River- 7.0 Km (S)
12	Seismicity	Seismic Zone-III

3. Salient features of the project:

Name of the project	Group Housing Project “Green Park” situated at Khasra nos. 174 & 179, Village – Uttar Dhauna, District and Tehsil – Lucknow, Uttar Pradesh.
Total Plot area	14435.70 sqm
Khasra details	Khasra no 174 and 179
Total Built-up Area	37055.00 sqm
Project cost	21.45 Crores
Land Use	Residential
Water Demand and Source	Fresh water demand – 118.35 KLD Total water requirement - 119 KLD Source : Ground water supply
Waste Water	94.68 KLD
STP Capacity	115 KLD
Power Demand	1493 kVA Source : UPPCL
Proposed Backup Power (LPG/CNG based)	5 x 20 KVA [Low Sulphur Diesel]
Solid Waste Generation	0.69 TPD
Green area	1085.2 sqm

4. Area details of the project:

S.No.	Items	Area/Unit
1	Total plot area	14435.70 sqm
2	Proposed Built Up Area	37055 sqm
3	Number of Building Blocks	5 Nos
4	Total no of Saleable DU's	270 Nos
5	Max Height of Building	30 M
6	Max No of Floors (Residential Towers)	Stilt + 9
7	Expected Population (1350 Residential + 140 Floating)	1490 persons
8	Proposed Ground Coverage (25.7%)	3705.5 sqm
9	Proposed F.A.R. Area	33349.50 sqm

5. Water calculation details:

S.	Description	unit/Area	Total	Rate of fresh water	Fresh	Flushing/	Total Water
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No.		(in m <sup>2</sup> )	Occupancy (@ 5/unit)	demand (lpcd)	Water (KLD)	Recycled water (KLD)	Requirement (KLD)	
1.	Residential	270	1350	Fresh Water @ 65 LPCD Flushing Water @ 21 LPCD	87.75	28.35	116.10	
3.	Staff	5%of total population	5	Fresh Water @ 30 LPCD Flushing Water @ 15 LPCD	0.15	0.075	0.23	
4.	Visitors	10%of total population	135	Fresh Water @ 5 LPCD Flushing Water @ 10 LPCD	0.67	1.35	2.02	
(A) Total water					88.57	29.77	118.35	
5.	Horticulture and Landscape development		1085.2 sqm		1 l/sqm	1.08	1.08	
6.	Cooling water for Power Generator sets		100 Kva [20 x 5]		0.9 l/KVA/Hr (@ 8 hrs)	0.72	0.72	
(B) 1.08 KLD								
A+B = 119 KLD								
Grand Total = A+B = 120 KLD								

6. Solid waste details:

S. No.	Particulars	Population	Waste generated(Kg/day)
1	Residential (@ 0.5 Kg/day)	1350	675
2	Visitors (@ 0.15 Kg/day)	135	20.25
3	Staff (@ 0.15 Kg/day)	5	0.75
Total Solid Waste Generated			695
Horticulture Waste (@0.0037 kg/day)			4

7. The project proposal fall under category 8(a) of EIA Notification, 2006 (as amended) and MoEFCC, Notification dated 14/03/2017 and 08/03/2018.

**RESOLUTION AGAINST AGENDA NO-15**

**The committee discussed the matter in light of MoEF&CC Notification dated 14/03/2017 and 08/03/2018 (Violation) and opined that the project proponent submit the above application under the six-month violation window period which was provided by the MoEFCC, Govt. of India vide notification dated 14/03/2017 and the project appraised by SEAC as per provision made in MoEF&CC Notification dated 14/03/2017 and 08/03/2018 (Violation). Hence, the committee recommended to issue the terms of reference (TOR) for the preparation of EIA report for the project proposal:**

1. 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 as per MoEF Notification dated 08/03/2018.

2. 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.
3. 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.
4. 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.
5. Layout and building plans approved by the competent authority.
6. 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.
7. 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.
8. Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/ villages and present status of such activities.
9. Examine baseline environmental quality along with projected incremental load due to the project.
10. 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.
11. Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area.
12. Submit the details of the trees to be felled for the project.
13. Submit the present land use and permission required for any conversion such as forest, agriculture etc.
14. Submit Roles and responsibility of the developer etc for compliance of environmental regulations under the provisions of EP Act.
15. Ground water classification as per the Central Ground Water Authority.
16. Examine the details of Source of water, water requirement, use of treated waste water and prepare a water balance chart.
17. 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.
18. The project proponent to submit a plan for stormwater management drained with appropriate slope and length so that the flood water could get a passage to release in a short span of time
19. Examine soil characteristics and depth of ground water table for rainwater harvesting.
20. Examine details of solid waste generation treatment and its disposal.
21. 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.
22. 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.
23. 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.

24. A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.
25. Examine the details of transport of materials for construction which should include source and availability.
26. Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.
27. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
28. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
29. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
30. Examine the probable displacement/ disturbance of human/wild animal/birds settlement/migration due to impact of proposed project and suggest the suitable mitigation measures
31. 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.
32. 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>".

**16. Building stone (Sand Stone) Mining project at Araj No.- 428, Village-Dhuriya, Tehsil-Chunar, District-Mirzapur, Shri Sanjay Singh, Area: 2.828 Ha., 8388/7343/SIA/UP/MIN/450052/2023**

**RESOLUTION AGAINST AGENDA NO. 16**

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.

**17. Group Housing Project “Assotech Windsor Court” at plot no. GH-04A, Sector 78 Noida, U.P. Sanjeev Srivastva., 7814/SIA/UP/INFRA2/427247/2023**

The Secretariat informed the committee that the matter was earlier listed in 8046<sup>th</sup> SEAC meeting dated 31/10/2023 and the project proponent/consultant did not appear in the meeting and the committee decided that the project file should be closed and be opened only after request from the project proponent. The project proponent submitted their request through online Parivesh Portal and the matter was listed in 821<sup>st</sup> SEAC meeting dated 29/12/2023.

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 P & M Solution. The project proponent informed that the environmental clearance for the above project was earlier issued by SEIAA, U.P. vide letter no. 1082/560/Parya/SEAC/2010, dated 04/05/2011 for the plot area 30,797.00 sqm and built-up area 1,13,360.00 sqm and due to some unavoidable reason and Covid pandemic the application for environmental clearance was not applied before the validity of the EC. Therefore, they are applying for the fresh EC application through online parivesh portal.

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 Group Housing Project “Assotech Windsor Court” at Plot No.- GH-04A, Sector-78, Noida, District- Gautam Buddha Nagar, U.P., M/s Assotech Ltd.

2. The total plot area of the project is 30,797.00 sq.m (3.07 ha/7.61 acres) and Built-up area of the project will be 1,13,360.00 Sq.m.

3. Salient Features Details:

Parameters	Description
Plot Area	30797 sq.m
Project Cost	INR 301.37 Crores
Built-up Area	113360 sq m
Green Area (@20.37 % of net plot area)	6273.37 sq m
Population	4777
Water Requirement	498 KLD
Domestic Water Requirement	453 KLD
Fresh Water Requirement	315KLD
Wastewater Generation	390 KLD
STP Capacity	450 KLD
Power Requirement	2600KVA
DG Sets	800 KVA (2*150+1*500 KVA)
Parking Details	966 ECS
Height of the building	87 m
Solid waste generation	2327 kg/day
No of RWH Pits	7

4. Area Details:

S. NO.	DESCRIPTION	AREA (SQ M)
A.	Plot Area	30797.00
B.	Proposed Ground Coverage (@ 21.57%) of plot area)	6645.55
C.	FAR area(@.3.6)	84689.73
D.	Non-FAR area	28670.27
E.	Built-up Area (C+D)	113360.00
F.	Green Area on ground (@20.37 % of plot area)	6273.37
G.	Open Area(@34.14% of plot area)	10514
H.	Road Area (@ 24 % of plot area)	7365
I.	Height	87 m
J.	No. of Dwelling Units	744

5. Population details:

S. No.	Category	No of DU/Area	Standard	Population
1.	Residents	744	6 person/unit	4464
2.	Staff	--	@2%	90
3.	Visitors	--	@5%	223
	Total Residential Population			4777

6. Water Requirement details:

Category	Population/Area (sq m)/Capacity	Standard (LPCD)	Water Requirement (KLD)	Fresh Water Requirement (KLD)	Recycled Water requirement (KLD)
<b>Domestic</b>					
Residents	4464	100	446	312	134
Staff	90	45	4	1	3
Visitors	223	15	3	2	1
Total Domestic Water Demand			453	315	138
Landscape	6273.37	6 ltr/sq.m	38	-	38
Firefighting	-	-	1	-	1
DG cooling	800 KVA(2*150+1*550)	0.9l/KVA/hr	6	-	6
Total			498	315	183

7. Solid Waste Generation details:

S. No	Description	Occupancy/Area	kg/capita/day	Total Solid Waste Generation (kg/day)	Recyclable (kg/day)	Non-Recyclable (kg/day)
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1.	Residents	4464	0.5	2232	1786	446
2.	Staff	90	0.25	23	18	5
3.	Visitors	223	0.15	34	27	7
4.	Landscape waste	1.15 Acres	0.2 kg/acres	1	1	0
	Total Domestic waste			2290	1832	458
5.	STP sludge	450 KLD	--	37	37	-
	Total Waste Generated			2327	1869	458

**8. Power Requirement details:**

Power requirement	Details
Power supply	Demand load is 2600 KVA. Total required transformer shall 1Nos. Dry Type Distribution Transformers for PSS with off Load tap Changer to cover our entire project demand.
Source	Uttar Pradesh Electricity board.
Backup power supply arrangement	DG set- 800KVA (2*150+1*500)
Location of dg sets	DG sets shall be placed in open

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

The consultant (EIA Coordinator) also submitted an affidavit dated 28/12/2023 mentioning is as follows:

1. I, Rahul Kumar, S/o Shri Vijay Kumar Sharma is EIA Coordinator of M/s P & M Solution.
2. I have prepared Form-1, Form-1A, Conceptual Plan & EMP report for the Group Housing Project "Assotech Windsor Court" at Plot No.- GH-04A, Sector-78, Noida, District- Gautam Buddha Nagar, U.P., M/s Assotech Ltd. with my team.
3. I have personally visited the site of proposal and certify that approx. 100% of the project has been constructed and currently the construction is stopped. The EC for the project has been obtained via letter no. 1082/560/Parya/SEAC/2010, dated 04/05/2011.
4. I am satisfied that all the necessary data/information submitted along with application 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. The EIA/EMP report for the proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 17**

**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.
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.
13. The project proponent shall plan for storm water management drained with appropriate slope and length so that the flood water could get a passage to release in a short span of time.

**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.
    - e. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
    - f. Traffic calming measures.
    - g. Proper design of entry and exit points.
    - h. 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.

**18. “Nihalpur Syodha Sand/Morrum Mining Project at Riverbed of River Ken, at Gata No.- 492/13, Village-Nihalpur Syodha, Tehsil-Naraini, District-Banda, Shri Vinod Sharma, Area- 24.0 ha., 8410/SIA/UP/MIN/450566/2023**

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 P & M Solution. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for “Nihalpur Syodha Sand/Morrum Mining Project at Riverbed of River Ken, at Gata No.- 492/13, Village-Nihalpur Syodha, Tehsil-Naraini, District-Banda, Shri Vinod Sharma, (Leased Area- 24.0 ha.)
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/450566/2023		
2.	File No. allotted by SEIAA, UP	8410		
3.	Name of Proponent	Shri Vinod Sharma S/O Shri Chetanya Swaroop Sharma Authorised Signatory Vijay Kumar sharma		
4.	Full correspondence address of proponent	R/O-D-74, Saraswati Lok, Merut (U.P)		
5.	Name of Project	Nihalpur Syodha Sand/Morrum Mining Project at Riverbed of River Ken.		
6.	Project location (Plot/Khasra/GataNo.)	Gata No.- 492/13		
7.	Name of Village	Nihalpur Syodha		
8.	Tehsil	Naraini		
9.	District	Banda		
10.	Name of Minor Mineral	Sand/Morrum		
11.	Sanctioned Lease Area (in Ha.)	24.0		
12.	Max. & Min mRL within lease area	134.0mRL & 131.0mRL		
13.	Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude	Longitude
		A	25°16'24.54"N	80°21'20.71"E
		B	25°16'24.69"N	80°21'32.69"E
		C	25°15'56.53"N	80°21'35.73"E
		D	25°15'54.46"N	80°21'28.79"E
14.	Total Geological Reserves	306332cum		
15.	Total Mineable Reserves	156124cum		
16.	Total Proposed Production (in 6 months)	1,56,124cum (6 months)		
17.	Proposed Production /6 months	1,56,124 CUM /6months OR 2,81,023 tonnes /6 months		
18.	Sanctioned Period of Mine lease	6 months		
19.	No. of workers	67		
20.	Type of Land	Govt.Land		
21.	Ultimate depth of mining	132.8mRL		
22.	Nearest metalled road from site	MDR-11B		
23.	Water Requirement	7.09~7.0 KLD		
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	P & M Solution Certificate No: NABET/EIA/2326/RA 0298 Validity : 07 May 2026		
25.	Any litigation pending against the project or land in any court	No		
26.	Details of 500m Cluster certificate Verified by Mining Officer	Letter no. 422/Khanij-30, Banda, Dated- 21/09/2023		

27.	Details of Lease Area in approved DSR	Attached
28.	Proposed EMP cost	Rs.4,57,500/- (Capital Cost) Rs. 3,87,000/- (Recurring Cost)
29.	Length and breadth of Haul Road.	Length 870m, breadth 6m
30.	No. of Trees to be Planted	240
31.	Monitoring Period	October 2023 to December 2023

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 02/11/2023 mentioning is as follows:

1. I, Subhash Kumar, S/o Banshidhar Pandey is EIA Coordinator of P & M Solution.
2. I will prepared the EIA/EMP report for the proposal report for “Nihampur Syodha Sand/Morrum Mining Project at Riverbed of River Ken, at Gata No.- 492/13, Village-Nihampur Syodha, Tehsil-Naraini, District-Banda, Shri Vinod Sharma, (Leased Area- 24.0 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 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/EMP report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

#### **RESOLUTION AGAINST AGENDA NO. 18**

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

#### **Additional TOR:**

1. Raw data of all the baseline monitoring parameters will be provided as an annexure to the EIA Report.
2. Project proponent should present latest drone videography (DGPS techniques not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
3. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.



4. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Logbook of their site visit along with activities carried out during monitoring (B) Real time photographs showing monitoring machine, public, lab person etc.
  5. 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 and UPPCB 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 working plantation 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.
- 19. “Ordinary Sand Mining” Project at Gata No.- 620, 634, Village- Sankraudh Khadar, Tehsil- Khekda, District- Baghpat, Shri Dharmi Chand Sharma, M/s Smart Mart Stores Pvt. Ltd., Area : 7.0 ha., 8178/7685/SIA/UP/MIN/442023/2023**

The Secretariat informed the committee that the environmental clearance for the above project was issued by SEIAA, U.P. vide EC Identification no. EC23B001UP198482, dated 06/11/2023 for the mining leased area 7.0 ha with mining quantity 14,000 m<sup>3</sup>/annum. The project proponent submitted an online amendment application on Parivesh Portal on 23/11/2023 through which they have informed that due to typographical error in environmental clearance letter serial no. 17 of salient features total proposed production (in six months) mentioned as 14,000 m<sup>3</sup> instead of 1,40,000 m<sup>3</sup>. The project proponent requested the committee to correct the proposed mining production as (1,40,000 m<sup>3</sup> for six months) in EC letter dated 06/11/2023.

**RESOLUTION AGAINST AGENDA NO. 19**

The committee discussed the matter and recommended to amend the proposed mining production as 1,40,000 m<sup>3</sup> for six months in environmental clearance Identification no. EC23B001UP198482, dated 06/11/2023. All the other contents mentioned in environment clearance letter dated 06/11/2023 shall remain the same.

**20. Expansion of existing Rolling Mill for the production of TMT round & bars from 34800 MT/year Sub. : to 1,02,960 MT/year through induction furnace route and (CCM) located at Opposite 66 KVA Power Station, Merrut road, District- Muzaffarnagar, Shri Shahawar Khan, M/s Bharat Steel Rolling Mills (Unit-1), 8284/7313/SIA/UP/IND1/445278/2023**

The Secretariat informed the committee that the matter was earlier discussed in 798<sup>th</sup> SEAC meeting dated 13/10/2023 and directed the project proponent to submit following information:

1. In Compliance of Terms of reference (TOR) the compliance report of condition of consent (CTO) from Regional office of the SPB should be submitted in tabular form.
2. Process description for existing plant and proposed plant (after expansion) along with major equipment and machineries, process flow sheet (quantitative) from Raw material to product for the specific expansion.
3. For the expansion of existing plant the details of induction furnace with capacity, charging time and per day billets production to be submitted with flow sheets.
4. Existing green belt plantation detail and proposed plantation plan for green belt development in unit along with a map to be submitted with the number of trees and species as per the green belt guidelines of CPCB/UPPCB.
5. Measures adopted by Industries for solid waste disposal presently and future Action Plan for solid & slag disposal/utilization to be prepared and submitted on the basis of the latest technology.
6. Existing Air Pollution Control System with latest air quality monitoring analysis report along with proposed Air pollution control system with primary and secondary system to control fugitive emissions to be submitted.
7. Photographs of existing plant, air pollution control system and other proposed vacant sites for expansion to be submitted.
8. Layout map plan of industry which includes location of existing unit i.e. boiler, process house and proposed expansion location and other utilities etc.
9. Details along with area of existing plant, green belt and proposed expansion area available on existing site to be submitted.
10. Existing ETP details for wastewater treatment and proposed plan for ETP expansion to be submitted.
11. The capital cost of existing plant and capital cost of project along with proposed expansion to be submitted.

The project proponent submitted their replies through online Parivesh Portal and the matter was listed in 821<sup>st</sup> SEAC meeting dated 29/12/2023. 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 Expansion of existing Rolling Mill for the production of TMT round & bars from 34800 MT/year Sub. : to 1,02,960 MT/year through induction furnace route and (CCM) located at Opposite 66 KVA Power Station, Merrut road, District- Muzaffarnagar, U.P., M/s Bharat Steel Rolling Mills (Unit-1).
2. The standard Terms of Reference in the matter were issued through online Parivesh Portal on 14/11/2022.

3. Public hearing organized on 25/07/2023 and final EIA Report was submitted by the Project Proponent on 22/09/2023.

4. Salient features of the project:

Sr No	Particulars	Details		
1	Name of project	M/s Bharat Steel Rolling Mills (Unit-1)		
2	Registered Office	Opposite 66 KVA Power Station, Meerut Road, Muzaffarnagar – 251 003		
3	Name of Applicant	Shri Shahawar Khan		
4	Designation	Director		
5	Nature and Size of Project	Existing Capacity		
		Particulars	Quantity	
		TMT round & bars	34800 MT/Year	Through Rolling mill
		Proposed Capacity		
6	Category of the Project	TMT round & bars	102960 MT/Year	Through Rolling mill
		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			
	Village	Opposite 66 kVA Power station, Merrut road, Muzaffarnagar-251003		
	Tehsil	Muzaffarnagar		
	District	Muzaffarnagar		
	State	Uttar Pradesh		
	Pin code	251003		
	Geo coordinates	Pillar	Latitude	Longitude
		A	29°26'36.13"N	77°42'2.86"E
		B	29°26'42.35"N	77°42'8.08"E
		C	29°26'42.22"N	77°42'8.68"E
		D	29°26'42.87"N	77°42'9.00"E
		E	29°26'42.47"N	77°42'11.42"E
		F	29°26'41.73"N	77°42'11.01"E
		G	29°26'41.63"N	77°42'11.13"E
		H	29°26'39.30"N	77°42'9.77"E
		I	29°26'39.42"N	77°42'9.55"E
		J	29°26'37.63"N	77°42'7.95"E
		K	29°26'36.50"N	77°42'6.91"E
		L	29°26'35.99"N	77°42'7.71"E
		M	29°26'32.10"N	77°42'5.29"E
		N	29°26'32.81"N	77°42'3.25"E
		O	29°26'33.90"N	77°42'4.21"E
		P	29°26'34.48"N	77°42'3.26"E
		Q	29°26'34.86"N	77°42'3.63"E
		R	29°26'35.28"N	77°42'3.02"E
		S	29°26'35.77"N	77°42'3.32"E
8	Total Plot Area	Total Plot Area: 25658.44 m <sup>2</sup> (2.5658 Ha)		
9	Greenbelt / Plantation Area	8818.68 m <sup>2</sup> > 34 % of the project area will be covered under green belt and plantation		
10	Total Project Cost	Rs. 13.45 Crore		
11	EMP Cost (Capital and Recurring)	Capital cost: 120.0 Lakh Recurring cost: 20.0 Lakh		
12	CER	Rs 26.90 Lakh (2% of total project cost as per the OM 2018 of MoEFCC)		
13	Fresh Water Requirement	45KLD		
14	Source of Water	Ground Water		
15	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.																														
16	Power Requirement	7000kVA																														
17	Source of Power	Uttar Pradesh Power Corporation Limited																														
18	D.G. Set Capacity with stack height and Fuel	1x 125 KVA for power backup (6 m height)																														
19	Man Power Requirement	40 Nos																														
20	Working Days	330 days / Annum 5																														
21	Major Raw Material	TMT round & bars																														
22	Source of Raw Materials	Easily available in West Bengal, Jharkhand, Orissa and nearby areas																														
23	Capacity of raw material	Approx. 450 MT/day for Billet Manufacturing																														
24	Induction Furnace Capacity	39MT (3 No.)																														
25	Solid Waste	Solid waste generated is in the form of slag-sand. This slag-sand is sold to brick makers																														
26	Hazardous Waste	Used/Spent oil: 50Liter/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																														
27	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>Sarvottam Rolling Mills</td><td>1.13km (N)</td></tr> <tr><td>2</td><td>Monish Steel Industries</td><td>1.14km (N)</td></tr> <tr><td>3</td><td>Tayal Enterprises</td><td>1.14km (N)</td></tr> <tr><td>4</td><td>Aagya Biotech Pvt. Ltd.</td><td>0.46km (N)</td></tr> <tr><td>5</td><td>Shri durga Industries</td><td>1.38km (N)</td></tr> <tr><td>6</td><td>Tirupati Industries</td><td>0.73km (E)</td></tr> <tr><td>7</td><td>ACME Furniture Industries</td><td>0.84km (N)</td></tr> <tr><td>8</td><td>District Industries Centre</td><td>0.25km (NE)</td></tr> <tr><td>9</td><td>Malik Metal Industry Pvt. Ltd.</td><td>1.85Km (S)<sub>6</sub></td></tr> </tbody> </table>	S. No.	Name of the Industry	Aerial Distance and Direction from Project Site	1	Sarvottam Rolling Mills	1.13km (N)	2	Monish Steel Industries	1.14km (N)	3	Tayal Enterprises	1.14km (N)	4	Aagya Biotech Pvt. Ltd.	0.46km (N)	5	Shri durga Industries	1.38km (N)	6	Tirupati Industries	0.73km (E)	7	ACME Furniture Industries	0.84km (N)	8	District Industries Centre	0.25km (NE)	9	Malik Metal Industry Pvt. Ltd.	1.85Km (S) <sub>6</sub>
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**5. Water calculation details:**

S No	Activity	Required Quantity (KLD)	Waste Water Generation (KLD)
1	Domestic	10.0	8.0
2	Cooling	30.0	0
3	Gardening	5.0	0
	Total	45.0	8.0

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

S. N.	Description	Total (Lakh)	Timelines
1	Providing sanitation and drinking water facilities in village Vehalna	3.0	One Year from the commencement of plant operations; Water Purifiers shall be maintained by the project proponent during its entire life time
2	Maintenance of Existing Infrastructure/Roads in village Vehalna	7.0	One Year from the commencement of plant Operations
3	Setting up solar panels/Solar light distribution in village Vehalna	3.0	One Year from the commencement of plant Operations
4	Avenue Plantation in nearby villages and roads in village Vehalna	2.0	Plantation will be started by November 2023
5	Education-Construction/ operation./provision of facilities e.g. school building, Class rooms, Play ground, Laboratory, Library, Computer class, Toilets, Drinking Water Facilities etc. in village Sandhawli and Vehalna	8.0	One Year from the commencement of plant Operations
6	Training & Skill Development of local youths in village Vehalna	3.0	One Year from the commencement of plant Operations
	Total	26.0	

Note : The above action plan will be implemented during project implementation phase. Zero date will start from the date of start for the proposed project.

7. The project proposal falls under category-3(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 10/10/2023 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/IND1/445278/2023 (File No. 8284-7313) of the client Shri Shahawar Khan, Director of M/s Bharat Steels Limited for the project Expansion of existing Rolling Mill for the production of TMT round & bars from 34800 MT/year Sub. : to 1,02,960 MT/year through induction furnace route and (CCM) located at Opposite 66 KVA Power Station, Merrut road, District- Muzaffarnagar, U.P. with my team.
3. I have personally visited the site of proposal and certify that no construction activity has been undertaken on the project site 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 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 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-20**

**The said project falls under Metallurgical industry applied for expansion of TMT round & bars 34800 MT/Year to 1029600 MT/Year and also proposed 03 induction furnace each capacity of 39 TPH. 01 induction furnace is for standby while 02 induction furnaces will operate for the production of M.S. Billet and M.S. Ingot which are raw material for the rolling mill.**

**The committee has gone through the file and documents and recommended grant of Environmental clearance for the project proposal along with following standards environmental clearance conditions prescribed by MoEF&CC, Govt. of India for metallurgical category industry. The committee also stipulated following additional conditions:**

#### **Additional Conditions:**

1. The proposed induction furnace shall be installed in a covered shade. To control fugitive emissions at the time of charging industry shall install primary and secondary Air pollution control system along with required secondary suction hoods in the covered shade and capacity of IDFAN.
2. 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 bag houses as APCS, the Project proponent should prefer installing Polytetra Fluoro Ethylene (PTFE) membrane filter
3. Proponent to implement plan for solid & slag disposal/utilization to be adopted on the basis of the latest technology. The record of solids/slag utilisation to be submitted regularly to the concerned authority. Unscientifically disposal of solid/slag is not permitted.
4. Three tier green 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 UPPCB and District Forest Officer.
5. Industry shall install ambient air quality monitoring stations for regular monitoring to ensure the ambient air quality standards as prescribed by the Centre Pollution Control Board.
  6. 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.
  7. Greening and paving shall be implemented in the plant area to arrest soil erosion and dust pollution exposed soil surface and also provide regular water sprinklers to suppress the dust in the plant area at a dust generation source due to vehicular movement etc.
  8. The project proponent shall obtain the required permissions from the concerned authority/department for expansion of the project.
  9. 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.
  10. Proponent shall invest Corporate Environment Responsibility (CER) as per the proposed plan and submit the compliance report to the UPPCB & Directorate of Environment.

**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 I 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 / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stakeholders. 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 report 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; PM10, 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.

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

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

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

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

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

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

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

**Nodal, SEAC-2**

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

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

**General Conditions:**

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

23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).

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

**Specific Conditions:**

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

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

**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-4**

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

**General condition:**

1. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
2. Any mining activity shall be undertaken only after valid permission from Mining Department/District Administration and written agreement with land owner from where earth excavation is proposed.
3. No change in mining technology and scope of working shall be made without approval of Authority.
4. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
5. The Authority reserves the right to revoke the clearance if conditions stipulated are not implemented. The Authority will also be entitled to impose additional environmental conditions or modify the existing ones, if necessary.
6. In case of any deviation or alteration in the project proposed from those submitted to this Authority for clearance, a fresh reference should be made to the Authority to assess the adequacy of the condition(s) imposed and to add additional environmental protection Measures required, if any.
7. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

**Specific Conditions:**

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

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