

Minutes of 818th SEAC-1 Meeting Dated 19/12/2023

The 818th meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 19/12/2023. Following members participated in the meeting:

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

The Chairman welcomed the members to the 818th SEAC-1 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-1 informed the committee that the agenda has been approved by the Member Secretary, SEAC-1/Director, Directorate of Environment.

1. Ordinary Earth Mining Project” at Gata No.- 2476, 2478, 2481, Village- Sikandra Rao Dehat, Tehsil- Sikandra Rao, District- Hathras, Shri Indrajeet Singh, M/s Kunal Beej Bandhar, Area: 1.962 ha., 8467/SIA/UP/MIN/451940/2023

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

1. The environmental clearance is sought for “Ordinary Earth Mining Project” located at Gata No. 2476, 2478, 2481, Village- Sikandra Rao Dehat, Tehsil- Sikandra Rao, District- Hathras, Uttar Pradesh, (Lease Area: 1.962 Ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/ 51940/2023			
2.	File No. allotted by SEIAA, UP	8467			
3.	Name of Proponent	Prop- Shri Indrajeet Singh			
4.	Full correspondence address of proponent and mobile no.	R/o: Nagla Sardar Kachura District- Hathras, Uttar Pradesh			
		Mobile No.-			
5.	Name of Project	Environmental Clearance of Proposed “Ordinary Earth Mining Project” located at Gata No.- 2476, 2478, 2481, area: 1.962 ha, Village- Sikandra Rao Dehat, Tehsil- Sikandra Rao, District- Hathras, Uttar Pradesh			
6.	Project Location (Plot. Khasra/Gata No.)	Gata No.- 2476, 2478, 2481			
7.	Name of Village	Sikandra Rao Dehat			
8.	Tehsil	Sikanda Rao			
9.	District	Hathras			
10.	Name of Minor Mineral	Ordinary Soil mining			
11.	Sanctioned Lease Area (in Ha.)	1.962 ha			
12.	Max. & Min mRL within lease area	Highest mRL -211.0 mRL Lowest mRL - 194.0 mRL			
13.	Pillar Coordinates (Verified by DMO)	Gata No	Pillar No	N	E
		2476	A	27°41' 11.70" N	78° 24' 16.54" E
			B	27°41' 13.47" N	78° 24' 13.42" E
			C	27°41' 14.80" N	78° 24' 14.28" E
			D	27°41'13.66" N	78° 24' 18.31" E
		2478	A	27°41' 05.13" N	78° 24' 14.58" E
			B	27°41'06.82" N	78° 24' 12.29" E
			C	27° 41' 08.06" N	78° 24' 13.42" E
			D	27° 41' 06.37" N	78° 24' 15.67" E

		2481	A	27° 41' 9.05" N	78° 24' 11.53" E
			B	27° 41' 9.25" N	78° 24' 10.98" E
			C	27° 41' 11.10" N	78° 24' 12.47" E
			D	27° 41' 10.75" N	78° 24' 13.04" E
14.	Total Geological Reserves	39240 m ³			
15.	Total Mineable Reserve	31784.4 m ³			
16.	Total Proposed Production	31784 m ³ (3.0 months)			
17.	Proposed Production /year (as per LoI)	31784 m ³ (3.0 months)			
18.	Sanctioned Period of Mine lease	Plan Period (3.0 months)			
19.	No. of workers	15			
20.	Type of Land	Govt./Non Forest Land			
21.	Depth of Mining	2.20 m			
22.	Nearest metalled road from site	0.15 km			
23.	Water Requirement	PURPOSE			
		Drinking 0.15 KLD			
		Suppression of dust 3.50 KLD			
		Plantation 0.50 KLD			
		Total 4.15 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. 1087/ DLRC-2023 Dated 08/11/2023			
27.	Details of Lease Area in approved DSR	Simple Soil Mining			
28.	Proposed EMP cost	Proposed EMP cost-1.75 Lakh Proposed Project Cost -20.0 Lakh Proposed CER cost-0.40 Lakh			
29.	Length and breadth of Haul Road	Length – 0.29 km, Breadth – 6.00 m			
30.	No. of Trees to be Planted	400.0			

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

Summary of EMP Cost (For 3.0 Months)

S. No.	Particulars	Capital Cost (Rs.)
1	Sprinkling of water along the haul road (290m)	75,000.00
2	Plantation (400plants) @ Rs 200/saplings	80,000.00
3	Tarpaulin during transportation.	10,000.00
4	Regular maintenance of machinery and Vehicles	10,000.00
Total		1,75,000.00

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

- 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 16/12/2023 mentioning is as follows:

- I Dr Surendra Vikram Ghavri S/o Shri Pratap Kumar is EIA Coordinator of Paramarsh servicing Environment and Development.
- Form 1, PFR and EMP (Category B2) for the Proposed "Ordinary Earth Mining Project" located at Gata No.- 2476, 2478, 2481, area: 1.962 ha, Village- Sikandra Rao Dehat, Tehsil- Sikandra

Rao, District- Hathras, Uttar Pradesh, Proposal No. SIA/UP/MIN/ 51940/2023, are prepared by me and my team.

3. I have personally visited the proposed site along with team 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 Form 1, PFR and EMP preparations are true and correct.
5. I certify that no mining activity has been undertaken on the project site for the Present proposal.
6. I certify that this project has been uploaded for the first time on Parivesh Portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
8. The Form 1, PFR and EMP 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 grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-3 to these minutes.

2. “Building Stone (Granite) Khanda, Boulder, Ballast (Gitty) Mining Project” at Arazi No.- 93, (Khand No.-20), Village: Bari, Tehsil- Sadar, District- Mahoba, Shri Dhaneshwar Rai, Area- 1.012 Ha., 8469/SIA/UP/MIN/452051/2023

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 Earthvision India Associate Consultants. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for “Building Stone (Granite), Khanda, Boulder, Ballast (Gitty) Mining Project” at Arazi No.- 93 (Khand No.- 20), Village: Bari, Tehsil-Sadar, District- Mahoba, State- Uttar Pradesh. (Lease Area: 1.012 Ha.).
2. Salient features of the project as submitted by the project proponent:

27. Salient features of the project as submitted by the project proponent:				
1.	On-line proposal No.	SIA/UP/MIN/452051/2023		
2.	File No. allotted by SEIAA, UP	8469		
3.	Name of Proponent	M/s Dev Enterprises Prop. Shri Dhaneshwar Rai		
4.	Full correspondence address of proponent	R/O- 8/43, Yaman, Sahara State, Kunraghat, Khorabar, Teh. - Sadar, Distt. - Gorakhpur, U.P.		
5.	Name of Project	Bari Building Stone (Granite), Khanda, Boulder, Ballast (Gitty) Mine		
6.	Project location (Plot/ Khasra /Gata No.)	93 (Khand No. 20)		
7.	Name of Village	Bari		
8.	Tehsil	Sadar		
9.	District	Mahoba, Uttar Pradesh.		
10.	Name of Minor Mineral	Bari Building Stone (Granite), Khanda, Boulder, Ballast (Gitty)		
11.	Sanctioned Lease Area (in Ha.)	1.012		
12.	Max. & Min mRL within lease area	The highest level is 178.10mRL The lowest level is 164.50mRL		
13.	Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
		A	25°24'56.95"N	79°54'56.79"E
		B	25°24'56.31"N	79°54'58.05"E
		C	25°24'49.53"N	79°54'55.24"E
		D	25°24'49.68"N	79°54'54.76"E

		E	25°24'48.62"N	79°54'54.08"E
		F	25°24'48.93"N	79°54'53.38"E
14.	Total Geological Reserves	4,51,980 cubic meter		
15.	Total Mineable Reserves	1,89,864 cubic meter		
16.	Total Proposed Production	1,00,000 Cubic meter in 5 year (Mining Plan Period).		
17.	Proposed Production	20,000 m3/Year		
18.	Sanctioned Period of Mine lease	10 Year		
19.	No. of workers	35		
20.	Type of Land	Rocky, Barren Land		
21.	Ultimate depth of mining	12.0 meter		
22.	Nearest metalled road from site	NH-34 Road, 8.50 Km, SE		
23.	Water Requirement	S. No.	Purpose	Water Requirement (KLD)
		1	Dust Suppression	4.20 KLD
		2	Plantation	1.0 KLD
		3	Domestic (Drinking)	0.525 KLD
		4	Mine operation/others	2.0 KLD
		Total		7.725 KLD
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Earthvision India Associate Consultants, QCI NABET/EIA/2124/IA 0077 Valid till 24.02.2024		
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. 682/ M.M.C.-30/2023-24 Dated 14-07-2023		
27.	Details of Lease Area in approved DSR	Yes, Serial No. 107		
28.	Proposed EMP cost	Rs. 15.40 Lakhs		
29.	Length and breadth of Haul Road.	350m, 6m		
30.	No. of Trees to be Planted	1000		
31.	Monitoring Period	NA		

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

S. No.	Activity	Cost per Unit (Rs)	Quantity	Total (Rs.)
1.	Installation of Computers, in Primary School, Dharaon.	25,000	02	50,000
2.	Installation of Solar street light, nearby Village- Bari.	15,000	08	1,20,000
	Total Proposed CER Cost			1,70,000

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 18/12/2023 mentioning is as follows:

- I Brij Mohan Singh Negi S/o K.S. Negi is EIA Coordinator of Earthvision India Associate Consultants, Lucknow.
- I have prepared EIA/EMP report for the Proposal TOR in Name of M/s Dev Enterprises, Prop. Shri Dhaneshwar Rai S/o Late Shri Aniruddh Rai 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 Application /EIA/EMP are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report.
8. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 02

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

Additional TOR:

1. 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 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 proper 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.

3. Silica Mining, Gata No – 728, 732, part of 729, part of 731, part of 734, part of 888, part of 889 mi , at Village-chhatehra/gurehtha (block-4) Tehsil- Bara, District- Prayagraj, Uttar Pradesh, Area – 4.1467 ha., 8471/7106/SIA/UP/MIN/449684/2023

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 “Silica Sand Mine” at Gata No – 728, 732, part of 729, part of 731, part of 734, part of 888, part of 889 mi, Area – 4.1467 ha at Village-Chhatehra/Gurehtha (Block-4) Tehsil-Bara, District-Prayagraj, Uttar Pradesh of M/s G.S. Contractors, (Leased Area- 4.1467 ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 412/Parya/SEIAA/7106/2022 dated 18/04/ 2023.
3. The Public Hearing was organized on 25/08/2023. Final EIA report submitted by the project proponent on 12/11/2023.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	New Proposal No. SIA/UP/MIN/449684/2023 Old Proposal No. SIA/UP/MIN/77302/2022																					
2.	File No. allotted by SEIAA, UP	8471/7106																					
3.	Name of Proponent	M/s G.S. Contractors Shri Ganesh Deen Sonkar (Prop) S/o Shri Seeta Ram																					
4.	Full correspondence address of proponent and mobile no.	R/o-Ward No.07/10, Ajmatganj Thana-Pipri, Tehsil-Chayal Distt-Kaushambi (U.P.) E mail ID - ganeshsonkar1965@gmail.com																					
5.	Name of Project	Proposed “Silica Sand Mine” at Gata No – 728, 732, part of 729, part of 731, part of 734, part of 888, part of 889 mi , Area – 4.1467 ha at Village- Chhatehra/Gurehtha (block-4) Tehsil-Bara, District-Prayagraj, Uttar Pradesh of M/s G.S. Contractors																					
6.	Project Location (Plot. Khasra/Gata No.)	728, 732, part of 729, part of 731, part of 734, part of 888, part of 889 mi																					
7.	Name of Village	Chhatehra/Gurehtha (block-4)																					
8.	Tehsil	Bara																					
9.	District	Prayagraj																					
10.	Name of Minor Mineral	“Silica Sand Mine”																					
11.	Sanctioned Lease Area (in Ha.)	Area- 4.1467																					
12.	Max. & Min mRL within lease area	Highest mRL 112.50 mRL Lowest mRL 103.0 mRL																					
13.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Point</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr> <td>A</td><td>25°18' 07.10"</td><td>81°40' 25.80"</td></tr> <tr> <td>B</td><td>25°18' 03.44"</td><td>81°40' 34.04"</td></tr> <tr> <td>C</td><td>25°17' 59.17"</td><td>81°40' 27.86"</td></tr> <tr> <td>D</td><td>25°17' 59.88"</td><td>81°40' 26.46"</td></tr> <tr> <td>E</td><td>25°17' 55.79"</td><td>81°40' 21.66"</td></tr> <tr> <td>F</td><td>25°17' 56.33"</td><td>81°40' 20.46"</td></tr> </tbody> </table>	Point	Latitude	Longitude	A	25°18' 07.10"	81°40' 25.80"	B	25°18' 03.44"	81°40' 34.04"	C	25°17' 59.17"	81°40' 27.86"	D	25°17' 59.88"	81°40' 26.46"	E	25°17' 55.79"	81°40' 21.66"	F	25°17' 56.33"	81°40' 20.46"
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E	25°17' 55.79"	81°40' 21.66"																					
F	25°17' 56.33"	81°40' 20.46"																					
14.	Total Geological Reserves	Silica sand-8, 00,895 m ³																					
15.	Total Mineable Reserve	Silica sand-3, 73,744 m ³																					

16.	Total Proposed Production	Silica sand- 55,570 m ³ /annum (5 years)
17.	Proposed Production /year (as per LoI)	Silica sand-11,114 m ³ /annum
18.	Sanctioned Period of Mine lease	Lease period – 30 years Plan period -5 years
19.	No. of worker	21
20.	Type of Land	Govt./Non Forest Land
21.	Ultimate Depth of Mining	6.0 m
22.	Nearest metalled road from site	0.30 km
23.	Water Requirement	PURPOSE
		Drinking - 0.21 KLD
		Suppression of dust - 3.60 KLD
		Plantation - 5.00 KLD
		Others (if any) - 0.00 KLD
		Total - 8.81 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 –4895/Khanij/2021-22, dated - 04/02/2022
27.	Details of Lease Area in approved DSR	Serial no. 04, Village- Chhatehra/Gurehtha Date 01/04/2021
28.	Proposed EMP cost	Proposed EMP cost-10.03 Lacs Project Cost-91.98 Lacs, Proposed CER cost-1.84 lacs
29.	Length and breadth of Haul Road	Length – 0.30 km, Breadth – 6.00 m
30.	No. of Trees to be Planted	5000
31.	Monitoring Period	Pre-Monsoon Season March 2022 to May 2022

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

S. No.	CER/EMP Activity	1st Year	2nd Year	3rd Year	4th Year	5th Year
1	Skill Development (Carpentry, Welding, Masonry works, plumbing, Tailoring etc.) for the local comm-unity will be conducted.	Rs.25,000.00				
2	Solar Street light (30 @ Rs 7000/pc with installation charge in village Dhara).			Rs.30,000.00		
3	Books/sports goods for primary school of village – Chhatehra/Gurehtha .		20,000.00			
4	Health check-up camp	20,000.00				20,000.00
5	Hand pump (2 hand pump in village Chhatehra/Gurehtha)				70,000.00	

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

- 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 16/12/2023

mentioning is as follows:

1. I Dr. Pankaj Srivastava S/o Shri V. V. Srivastava is EIA Coordinator of Paramarsh servicing Environment and Development.
2. I have prepared EIA/EMP report for the Environment clearance of proposed "Silica Sand Mine" at Gata No – 728, 732, part of 729, part of 731, part of 734, part of 888, part of 889 mi, Area – 4.1467 ha at Village-Chhatehra/Gurehtha (block-4) Tehsil-Bara, District-Prayagraj, Uttar Pradesh of M/s G.S. Contractors, Proponent Shri Ganesh Deen Sonekar, New Proposal No. SIA/UP/MIN/449684/2023 Old Proposal number: SIA/UP/MIN/77310/2022 with my team.
3. I have personally visited the proposed site along with team and certify that no mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required for EIA/EMP preparations are true and correct.
5. I certify that this project has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
7. I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report.
8. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 03

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

1. The quantity mentioned in LoI or quantity mentioned in replenishment study, whichever is less, would be maximum quantity which project proponent may extract. It will be ensured by District Administration and Geology and Mining Department. Directorate of Geology and Mining will ensure conduct of replenishment study from reputed institution for subsequent years in compliance of Hon'ble NGT orders.
2. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be obtained before start of mining activity.
3. Project Proponent should submit action plan for carrying out plantation at least @1,000 plants / ha of lease area. In this case, PP should prepare a plan, duly approved either by Forest Department or District plantation committee, for planting at least (as per the project) plants, either on government land or community land, within a periphery of 5 km from the boundary of the lease area along with provisions for maintenance for 5 years. Survival of plants should not be less than the survival rate notified by Uttar Pradesh Forest Department otherwise it will be treated as violation of EC condition.
4. The project proponent shall install solar light in their site office.
5. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
6. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
7. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
8. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
9. The project proponent should explore the possibilities of rainwater harvesting.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.

11. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
12. As per the proposed plan, plantation with area specific plant species, number of plants to be planted and report of green belt development to be submitted to the concerning department
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ water supplying agencies to be submitted.
14. Submit the Hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

4. Construction of “Mixed Land Use Project” IT SEZ Park at Plot No. 2, Sector-143A, Noida, District-Gautama Buddh Nagar, Shri Aman Bhalla, M/s Dhoomketu Builders and Developer Pvt. Ltd., 8473/SIA/UP/INFRA2/452148/2023

A presentation was made by the project proponent along with their consultant M/s Ascenso Enviro Private Limited. The project proponent/consultant informed the committee that the environmental clearance for the aforesaid project was issued by SEIAA, U.P. vide letter no. 709/Parya/SEAC/1233/2012/DDY, dated 02/07/2013 for the plot area 1,00,256.00 sqm and built up area 2,15,635.881sqm.

The committee discussed the matter and raises the queries related to the proposed project and PP/Consultant could not reply satisfactorily. PP/consultant has assured that they will submit the documents/information as per committee instructions. The committee directed the project proponent to submit following information:

1. Project Proponent submit the certified compliance report from IRO, Lucknow, MoEF&CC, for the existing environmental clearance issued by SEIAA, U.P. vide its letter no. 709/Parya/SEAC/1233/2012/DDY, dated 02/07/2013.
2. Structural stability certificate issued by reputed institution.
3. NOC from Fire Department.

The matter will be discussed after submission of above information on prescribed portal.

5. Building Stone (Sandstone) Mining Project at Araji No- 997 Mi, Village- Sindhoura, Tehsil- Sadar, District- Mirzapur, Shri Jamindar Singh, Area- 4.858 Ha., 8475/SIA/UP/MIN/452336/2023

The project proponent/consultant informed the committee that the environmental clearance for the above project was issued by District Level Environment Impact Assessment Authority (DEIAA), Mahoba vide its letter no. 47/Parya/DEAC/Sandstone/MZP//2016, dated 06/08/2016 for the leased area 4.86 ha with mining quantity 1,50,000 cum/year.

Hon'ble National Green Tribunal, New Delhi passed an order dated 07/12/2022 in O.A. No. 142 of 2022 in the matter of Jayant Kumar Vs. Ministry of Environment, Forests and Climate Change. The operative part of order dated 07/12/2022 is as follows:

“...mining leases in which environmental clearance was granted by DEIAA in view of amendment notification dated 15.01.2016 are still continuing even after passing of order dated 13.09.2018 by this Tribunal in Satendra Pandey (supra) and issuance of OM dated 12.12.2018 by MoEF&CC without any re-appraisal by SEIAA and appropriate remedial action on the basis of such re-appraisal. All such mining leases in which environmental clearance was granted by DEIAA need to be brought in consonance with the directions given by Hon'ble Supreme Court in Deepak Kumar (supra) and order dated 13.09.2018 by this Tribunal in Satendra Pandey (supra) by re-appraisal by SEIAA and only such mining leases may be continued which have been on re-appraisal granted environmental clearance by SEIAA. MoEF&CC is, therefore, directed to take appropriate steps for compliance in this

regard by issuance of requisite directions in exercise of the statutory powers under the Environment (Protection) Act, 1986. For this purpose, MoEF&CC is directed to collect information regarding such mining leases in which environmental clearance was granted by DEIAA and the period of which has not yet expired and are still continuing in all the States and Union Territories and by issuing appropriate directions for compliance with directions given by Hon'ble Supreme Court in Deepak Kumar (supra) and order dated 13.09.2018 passed by this Tribunal in Satendra Pandey (supra) by re-appraisal for grant of EC by SEIAA."

In compliance of above Hon'ble NGT order Ministry of Environment, Forests and Climate Change, Govt. of India issued an Officer Memorandum F.No. IA3-22/11/2023-IA.III(E-208230), dated 28/04/2023 wherein:

"...all valid ECs issued by DEIAA shall be reappraised through SEAC/SEIAA in compliance to the order of the Hon'ble NGT in O.A. No. 142 of 2022. In view of above, it is hereby direction that all concerned SEACs shall re-appraise the ECs issued by DEIAAs between 15/01/2016 and 13/09/2018 (including both dates) and all fresh ECs in the regard shall be granted only by SEIAAs based on such appraisal. The exercise shall be completed within a period of one year from the date of issue of this OM. DEIAAs shall transfer all such files where ECs have been granted to concerned SEIAA within a time period of one month from issue of this OM"

As per Office Memorandum dated 28/04/2023 issued by MoEFCC, Govt. of India the project proponent apply under category B-1 for reappraisal of environmental clearance issued by DEIAA on 06/08/2016 and terms of reference application submitted to SEIAA, U.P.

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

1. The terms of reference is sought for Building Stone (Sandstone) Mining Project at Araj No- 997 Mi Village- Sindhoura, Tehsil- Sadar, District- Mirzapur Uttar Pradesh, (Leased Area 4.858 Ha.).
2. Salient features of the project as submitted by the project proponent:

1	On Line Proposal No.	SIA/UP/MIN/452336/2023												
2	File No. allotted by SEIAA, UP	8475												
3	Name of Proponent	Shri. Jamidar Singh												
4	Full correspondence address of proponent and mobile no.	Shri. Jamidar Singh R/o Village- Semra, Tehsil – Sadar, District- Mirzapur U.P.												
5	Name of Project	Building Stone (Sandstone) Mining Project named Shri. Jamidar Singh at Araj No- 997 Mi Village- Sindhoura, Tehsil- Sadar, District- Mirzapur Uttar Pradesh Area- 4.858 Ha												
6	Project Location(Plot.Khsra/Gata/Araj No.)	Araj No'-997 Mi												
7	Name of Village	Sindhoura												
8	Tehsil	Sadar												
9	District	Mirzapur												
10	Name of Minor Mineral	Building Stone (Sandstone)												
11	Sanctioned Lease Area (in Ha.)	4.858 Ha												
12	Max. & Min mRL within lease area	122.2 mRL & Minimum is 100.1 mRL respectively												
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>A</td><td>25°5'33.57"N</td><td>82°48'31.35"E</td></tr> <tr> <td>B</td><td>25°5'34.03"N</td><td>82°48'36.52"E</td></tr> <tr> <td>C</td><td>25°5'30.95"N</td><td>82°48'38.22"E</td></tr> </tbody> </table>	PILLAR NO.	LATITUDE	LONGITUDE	A	25°5'33.57"N	82°48'31.35"E	B	25°5'34.03"N	82°48'36.52"E	C	25°5'30.95"N	82°48'38.22"E
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		D	25°5'30.95"N	82°48'41.57"E
		E	25°5'26.68"N	82°48'41.47"E
		F	25°5'27.02"N	82°48'31.24"E
14	Total Geological Reserves	2163448 m ³		
15	Total Mineable Reserve	961216 m ³		
16	Proposed production/year	150000 m ³		
17	Sanctioned Period of Mine lease	Lease period (22.11.2016 to 21.11.2026)		
18	Method of Mining	Opencast Manual/Semi Mechanized Mining		
19	No' of working days	300		
20	Working Hours/day	8 Hours/day		
21	No. of workers	25 Workers		
22	No' of vehicles movement/day	55 Trucks/day		
23	Type of Land	Government land		
24	Ultimate of Depth of Mining	36.00 m		
25	Nearest metalled road from site	1.00 Km		
26	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking	0.25 KLD	
		Suppression of dust	3.6 KLD	
		Plantation	0.96 KLD	
		Others (if any)		
		Total	4.81 KLD (Approx 5.0 KLD)	
27	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult Certificate No-QCI/NABET/ENV/ACO/23/3012, Period of Validity-30.1.2024		
28	Any litigation pending against the project or land in any court	No		
29	Details of 500 m Cluster certificate verified by Mining Officer	Letter No. 5720/M.M.C-30/2022-23 dated 11/09/2023		
30	Details of Lease Area in approved DSR	Page No'-30, Sr.No'-18 of Approved D.S.R		
31	Proposed EMP cost	15.70 Lakhs		
32	Proposed Total project cost	58.25 Lakhs		
33	Length and breadth of Haul Road	600 m length and 6.0 m width		
34	No. of Trees to be Planted	480 Trees		

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

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

- I, Manish Kumar Shukla, S/o Shri S.K. Shukla am EIA Coordinator of Ind Tech House Consult.
- I have prepared TOR report for the Proposal (SIA/UP/MIN/452336/2023), Project Name- Jamidar Singh Building Stone (Sandstone) Mining project at Araj/ No. 997 mi ,Village- Sindhoura, Tehsil- Sadar & District-Mirzapur, U.P. Area- 4.858 Ha with my team
- I have personally visited the site of proposal.
- I am satisfied with that all the necessary data/information required submitted along with Application/TOR are true and correct.
- I certify that this project has been uploaded for this 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 hard copy/presentation submitted which will be submitted after acceptance of application.
- The TOR report for the Proposal is prepared by my team as per guidelines laid down by QCI/ NABET.

RESOLUTION AGAINST AGENDA NO. 05

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

Additional TOR:

1. Project Proponent submit the certified compliance report for the earlier environmental clearance issued by DEIAA, Mirzapur vide its letter no. 47/Parya/DEAC/Sandstone/MZP//2016, dated 06/08/2016 in favour of respective project proponent.
2. Since no intimation letter has been submitted regarding collection of baseline monitoring data, hence monitoring data will be collected after issuance of ToR.
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 should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
7. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
8. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
9. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
10. Combined KML of all mines in a cluster should be submitted at the time of EIA.
11. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
12. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
13. Proponent/Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
14. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
15. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
16. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
17. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
18. Proponent to submit latest status of project site along with the site photographs and also provide mined minerals record of the respective project site at the time of EIA presentation.

6. Expansion of the distillery capacity from 150 KLD to 180 KLD under para 7(ii)(a) (for 1st phase – 20 %) at village: Chiraura, Tehsil: Akbarpur, District: Kanpur Dehat, M/s Aarti Distilleries Private Limited., 8477/SIA/UP/IND2/442435/2023

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Environmental & Technical Research Centre. The project proponent/consultant submitted the following chronology of the project:

- M/s Aarti Distilleries Private Limited, company is proposing Expansion of the Existing 150 KLD Distillery to 180 KLD Grain Based Distillery Plant along with Co Gen Power From – 4.5 MW To 6.0 MW Within Existing Premises under para 7(ii)(a) of EIA notification, 2006 for expansion upto 50 % within the existing / mine lease area in three phases, without additional land acquisition through OM No – IA3-22/10/2022-IA. III [E 177258] dated 11th April 2022 at village - Chiraura, Tehsil -Akbarpur, District- Kanpur Dehat, Uttar Pradesh.
- M/s. Rajasthan Liquors Ltd has obtained Environmental Clearance from Ministry of Environment & Forests for 125 KLD Grain based and 25 KLD based Distillery along with Co gen power – 4.5 MW vide letter no. J-11011/58/2018-IA II (I) dated 18.09.2019. Total capacity of Distillery as per EC is 150 KLD.
- Further, M/s Aarti Distilleries Private Limited has informed that M/s Aarti Distilleries Private Limited has acquired M/s Rajasthan Liquors Limited under the companies Act 1956. Then EC was transfer from M/s Rajasthan Liquors Limited to M/s Aarti Distilleries Private Limited vide letter no: J – 11011/58/2018-IA-II(I) dated 14th September 2020. Subsequently, as per the notification S.O. 980 (E) dated 2nd March, 2021, issued by Ministry of Environment Forest & Climate Change (GOI) the company obtained Raw material mix under No increase in Pollution load from UPPCB, vide ref no. 172/UPHOC2/EIA/KANPUR DEHAT/2022 dated 12/12/2022, total capacity of Distillery will be 150 KLD which is 100 % Grain based.
- Latest Certified Compliance report of existing EC has been obtained from Integrated Regional Office, MoEF&CC, Lucknow vide File no. IV/ENV/UP/Ind-69/641/2023/305 dated 14.11.2023.
- Para 7(ii)(a) of OM No – IA3-22/10/2022-IA. III [E 177258] dated 11th April 2022 issued by MoEF&CC, Govt. of India provides guidelines of granting EC under Para 7(ii)(a) of EIA notification, 2006 for expansion upto 50 % within the existing / mine lease area in three phases, without additional land acquisition:

“Projects seeking prior EC for expansion with increase in the production capacity beyond the capacity for which prior environmental clearance was granted with increase in lease area or production capacity in mining projects shall be considered by the concerned Expert Appraisal Committee (or SEAC, as the case may be) to decide whether Environment Impact Assessment and public consultations need to be carried out for grant of EC.”

- Point wise compliance of criteria mentioned in OM No. IA3-22/10/2022-IA. III [E 177258] dated 11th April 2022 are as follows:

S.No.	Conditions	Reply
i.	The project should have gone through the public hearing process, at least once, for its existing EC capacity on which expansion is being sought, except those category of projects which have been exempted as per para 7 III (i) of EIA Notification 2006 and its amendments.	Earlier Environmental Clearance granted through MOEFCC letter no: J – 11011/58/2018-IA-II(I) dated 14 September 2020. During the Environmental clearance, project gone the public hearing process and details of the same has been submitted at the appraisal. For existing EC, PH conducted on 14th November 2018.

ii.	There should not be change in Category of the project from 'B2' to 'B 1' or 'A' due to proposed modernisation or expansion.	Category of the project is not changing due to proposed expansion. Existing capacity of grains-based distillery is 150 KLD which is category B1 Project and after expansion category will be same (Category - B1).
iii.	There is no additional land acquisition or forest land diversion involved for the proposed expansion or there is no increase in lease area with regard to mining vis-a-vis the area mentioned in the EC, based on which public hearing has been held earlier	No additional land will be required for the proposed expansion. Proposed expansion will be done within existing premises.
iv.	The proposed expansion shall not be more than 50% of production capacity as mentioned in the prior EC, issued on the basis of public hearing held and the same shall be allowed in minimum three phases.	Current expansion application is for only 20 % of production capacity as mentioned in the prior EC, issued on the basis of public hearing held. Existing Capacity – 150 KLD + 30 KLD (20 % addition) = 180 KLD (total after expansion).
v.	Predicted environmental quality parameters arising out of proposed expansion/modernization shall be within the prescribed norms and the same shall be maintained as per prescribed norms.	Predicted Environmental quality parameter is found within the prescribed norms and the same shall be maintained as per prescribed norms.
vi.	The proposed expansion should not result in reduction in the greenbelt area as stipulated in the earlier EC, or if the existing ratio of greenbelt is more than 33%, after expansion it should not reduce below 33%.	Approx: 2.42 Ha area already developed as Green Belt and same shall be maintained. There will be no reduction in Green belt area due to proposed expansion.
vii.	The project proponent should have satisfactorily complied the conditions stipulated in the existing EC(s) and satisfactorily fulfilled all the commitments made during the earlier public hearing/consultation proceedings and also the commitments given while granting previous expansion, as may be applicable. This shall be duly recorded in the certified compliance report issued by the IRO/CPCB/SPCB, which should not be more than one year old at the time of submission of application.	Industry is complying with conditions stipulated in the existing EC(s). Copy of certified EC compliance report from regional office, Ministry of Environmental, Forest and Climate Change has been obtained through letter no IV/ENV/UP/Ind-69/641/2023/305 dated 14.11.2023 and submitted.
viii.	Public Consultation shall be undertaken [if applicable as per table below] by obtaining response in writing, as per para 7 III (ii) (b) of EIA Notification 2006, except those category of projects which have been exempted as per para 7 III (i) of EIA Notification 2006 and its amendments.	During the Environmental clearance, project gone the public hearing process and details of the same has been submitted at the of appraisal. For existing EC, PH conducted on 14th November 2018.
ix.	Effluent monitoring including air quality monitoring systems as specified in the existing EC, if stipulated, should have been installed.	Project is based on Zero liquid discharge system. PTZ camera has been installed as per the Guidelines. In stack, Continuous online emission monitoring system has been installed and same is being connected to CPCB and SPCB Server.

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 the distillery capacity from 150 KLD to 180 KLD under para 7(ii)(a) (for 1st phase – 20 %) at village: Chiraura, Tehsil: Akbarpur, District: Kanpur Dehat, M/s Aarti Distilleries Private Limited.
2. Final EIA report submitted by the project proponent on 16/11/2023
3. Project details:

Project Proposal	Units	Capacity	
	Distillery Plant	Existing Capacity	Total capacity after expansion
	DISTILLERY (PRODUCT NAME: (RS/ENA/GNS/ TOTAL SPIRIT)	150 KLD	180 KLD (Addition of 20 % Increase in Production Capacity)
	Cogeneration Power Plant	4.5 MW	6.0 MW
	BY PRODUCTS		
	CO ₂	85 TPD	126 TPD
	DDGS/DWGS (CATTLE FEED)	82 TPD at 8 - 10 % W/W Moisture	93 TPD at 8 - 10 % W/W Moisture
Screening Category	The proposed expansion project falls in category “B1” under Activity 5 (g) [Grain based Distilleries ≤200 KLD] as per EIA Notification, dated 14 th September, 2006 & as amended on 13 th June 2019. This report has been prepared in accordance with the guidelines for Granting the Environmental Clearance under para 7(ii)(a) of EIA notification, 2006 for expansion upto 50 % within the existing / mine lease area in three phases, without additional land acquisition through OM No – IA3-22/10/2022-IA.III[E 177258] dated 11 th April 2022.		

4. Raw material details:

Raw Material	Existing	Total Quantity after Expansion (TPD)	Storage Facility	Source & mode of transportation
Grain- Broken Rice, Jwar, Sorghum, Bajra, Maize, etc	345 TPD	414 TPD	Covered shed	Through grain suppliers by road
Chemicals (kg/day)				
Sodium Hydroxide (Caustic)	480 kg / Day	576 kg / Day	Packed in 50 kg bags and stored in godown	Through Supplier within 500 kms.
Nutrients	300 kg / Day	360 kg / Day		
Enzymes	300 kg/ Day	360 kg / Day		
Antifoam Agent	145 kg / Day	174 kg/day		
Yeast (Active Dry Yeast/Distiller's Yeast)	130 kg / Day	156 kg/Day		

5. Fuel requirement details:

Particulars	Details
Type of Fuel	Rice Husk / Biomass / Coal # During Non-availability of Rice Husk / Biomass, Coal will be used as fuel.
Quantity of Fuel (MT/Day)	Rice Husk - 220 TPD / Coal – 165 TPD
Capacity of boiler	Existing 40 TPH (01 No)
Stack Height	55 m height
Pollution Control Equipment	ESP (Electrostatic Precipitator)

6. Steam requirement and boiler details:

S. No.	Purpose	Steam requirement at existing capacity (TPH)	Steam requirement at expanded capacity (TPH)
1.	Liquefaction	4.2	5.0
2.	Multi – pressure Distillation, MSDH & Evaporation	16.6	19.9
3.	DWGS dryer	2.9	3.4
4.	Others	7.3	8.7
Total		31.0	37.0

7. Power requirement for existing distillery is 3.0 MW. After proposed expansion, power requirement will be 3.56 MW, which is being / will be sourced from the 6.0 MW Co- Generation Power Plant. 2 x 1000 KVA DG set has been provided for power backup only. Surplus power will be exported to State Grid.

8. Water requirement details:

- Total water requirement for 150 KLD Grain based operation is 2378 KLD, out of total fresh water requirement will be 1250 KLD. After expansion total water requirement will be 2788 KLD, out of which fresh water requirement will be 1354 KLD.
- Fresh water is being / will be sourced from Ground Water. Fresh water requirement after expansion will be within sanctioned quantity given in Environmental Clearance.
- Permission for withdrawal of 1350 KLD Ground Water has been obtained by the company from Ground Water Department (Namami Gange & Rural Water Supply Department), Ministry of Jal Shakti, Govt. of Uttar Pradesh vide NOC no. REG027994, REG034600 & REG048049 valid from 03.07.2021 to 02.07.2026.

Sr. No.	Unit	Existing (KLD)	After proposed expansion (KLD)
1.	Industrial Use (Distillery)	1230 KLD	1334 KLD
2.	Domestic Use	20 KLD	20 KLD
	Grand Total	1250 KLD	1354 KLD
Source: Ground water (permission from Ministry of Jal Shakti has been already obtained for abstraction of fresh water.			

9. Action plan as per Ministry's O.M. dated 30/09/2020:

CER Activities	Year after Commissioning of the Project (Amount in Lakhs)		
	01 st	02 nd	Total
1. Skill Development program	4	2	6
2. Adoption of School for infrastructure development like smart classes, library, Laptop, computers, furniture, Toilets RO etc in Village: Sherpur Taraunda	10	9	19
Total	14	11	25

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

The consultant (EIA Coordinator) also submitted an affidavit dated 15/12/2023 mentioning is as follows:

1. I, Manoj Garg, S/o Shri Late Shri Surendra Kumar Garg is EIA Coordinator of M/s Environmental and Technical Research Centre.
2. I have prepared the EIA report for the Expansion of the distillery capacity from 150 KLD to 180 KLD under para 7(ii)(a) (for 1st phase – 20 %) at village: Chiraura, Tehsil: Akbarpur, District: Kanpur Dehat, M/s Aarti Distilleries Private Limited with my team.
3. I have personally visited the site of proposal and certify that no construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with EIA 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 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. The EIA report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 06

The committee discussed the matter and recommended grant of environmental clearance on the proposal as above alongwith standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional/Specific conditions:

Additional/Specific Conditions:

1. Project proponent is advised to explore the possibility and getting the cement in container rather through the plastic bag.
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 is directed to comply with the public hearing queries/questions and TOR conditions in a time bound manner as per action plan submitted by the proponent and submit compliance report regularly as per EIA notification.
5. The project proponent shall comply with the CPCB charter/guidelines and time to time direction for the distillery unit.

Standard environmental clearance conditions:

I. Statutory compliance:

1. 45 days 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 60 days for a record.
2. 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 purposes involved in the project.
3. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
4. 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).
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 authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
7. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989

II. Air quality monitoring and preservation:

1. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2. The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to

SO₂ and NO_x emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions. (case to case basis small plants: Manual; Large plants: Continuous).

3. 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.
4. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
5. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.
6. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
7. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
8. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.

III. Water quality monitoring and preservation:

1. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD) and connected to SPCB and CPCB online servers.
2. Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).
3. Process effluent /any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
4. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
5. Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
6. Industrial/trade effluent shall be segregated into High COD/TDS and Low COD/TDS effluent streams. High TDS/COD shall be passed through stripper followed by MEE and ATFD (agitated thin film drier). Low TDS effluent stream shall be treated in ETP and then passed through RO system.
7. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.

IV. Noise monitoring and prevention:

1. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
2. The overall noise levels in and around the plant area shall be kept well within the

standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.

3. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

V. Energy Conservation measures:

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

VI. Waste management:

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

VII. Green Belt:

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

VIII. Safety, Public hearing and Human health issues:

1. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
3. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
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, creche 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 and records maintained as per the Factories Act.
6. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places

IX. Corporate Environment Responsibility:

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

X. Miscellaneous:

1. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
5. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
6. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
7. The project proponent shall inform the Regional Office as well as the 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.
8. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
9. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
10. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
11. Concealing factual data or submission of false /fabricated data may result in revocation of this environmental clearance and attract action under the provisions of

- Environment (Protection) Act, 1986.
12. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
 13. The Ministry reserves the right to stipulate additional conditions if found necessary.
 14. The Company in a time bound manner shall implement these conditions.
 15. 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.
 16. 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.
 17. 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.

7. “Silica Sand Mine” at Gata No –part of 136 at Village-Dhara Tehsil-Bara, District-Prayagraj, Shri Adhya Prasad Mishra, Area – 17.00 ha., 8479/7105/SIA/UP/MIN/449697/2023

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 “Silica Sand Mine” at Gata/Bhukhand no – Part of 136, Village- Dhara Tehsil-Bara, District-Prayagraj, Uttar Pradesh of M/s Vindh Construction Company. (Leased Area- 17.00 ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 408/Parya/SEIAA/7105/2022 dated 18/04/2023.
3. The Public Hearing was organized on 16/08/2023. Final EIA report submitted by the project proponent on 17/11/2023.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	New Proposal No. SIA/UP/MIN/449697/2023 Old Proposal No. SIA/UP/MIN/77310/2022
2.	File No. allotted by SEIAA, UP	8372/7107
3.	Name of Proponent	M/s Vindh Construction Company Adhya Prasad Mishra (Prop)
4.	Full correspondence address of proponent and mobile no.	S/o Late Kamal Shankar Mishra R/o: Village-Dighiya, Babhni Manda Tehsil- Meja, District- Prayagraj-U.P.-212303 Mobile no. – E mail ID - vindhstone78@gmail.com
5.	Name of Project	Proposed “Silica Sand Mine” at Gata/Bhukhand no –Part of 136 Area –17.00 ha at Village-Dhara Tehsil-Bara, District-Prayagraj, Uttar Pradesh of M/s Vindh Construction Company.
6.	Project Location (Plot. Khasra/Gata No.)	Gata/Bhukhand no –Part of 136
7.	Name of Village	Dhara
8.	Tehsil	Bara
9.	District	Prayagraj

10.	Name of Minor Mineral	“Silica Sand Mine”		
11.	Sanctioned Lease Area (in Ha.)	17.00 ha		
12.	Max. & Min mRL within lease area	Highest mRL - 119.10 mRL Lowest mRL- 100.20 mRL		
13.	Pillar Coordinates (Verified by DpMO)	Point	Latitude	Longitude
		A	25°16'57.43"N	81°39'43.93"E
		B	25°16'57.35"N	81°39'51.64"E
		C	25°16'52.23"N	81°39'56.34"E
		D	25°16'46.26"N	81°39'58.61"E
		E	25°16'39.25"N	81°39'53.96"E
		F	25°16'34.14"N	81°39'45.88"E
		G	25°16'35.89"N	81°39'44.16"E
		H	25°16'38.54"N	81°39'47.72"E
		I	25°16'45.29"N	81°39'51.11"E
		J	25°16'49.87"N	81°39'42.42"E
14.	Total Geological Reserves	Silica sand – 31, 87,266 m ³		
15.	Total Mineable Reserve	Silica sand – 25, 11,157 m ³		
16.	Total Proposed Production (in five year)	Silica sand – 2,53,275 m ³ (5 years)		
17.	Proposed Production /year (as per LoI)	Silica sand- 50,655 m ³ /annum		
18.	Sanctioned Period of Mine lease	LoI period – 30 years Plan Period 5 years		
19.	No. of workers	81		
20.	Type of Land	Govt./Non Forest Land		
21.	Ultimate Depth of Mining	12.00 m (5 years)		
22.	Nearest metalled road from site	0.10 km		
23.	Water Requirement	PURPOSE		
		Drinking - 00.81 KLD		
		Suppression of dust - 01.2 KLD		
		Plantation - 17.00 KLD		
		Others (if any) - 0.00 KLD		
		Total - 19.00 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 –4892/Khanij/2021-22, dated - 04/02/2022		
27.	Details of Lease Area in approved DSR	Serial no.03		
28.	Proposed EMP cost	EMP cost- 24.41 Lacs (5 years) Project Cost 1.70 Crore & CER cost- 3.40 Lacs (5 years)		
29.	Length and breadth of Haul Road	Length – 0.10 km, breadth – 6.00 m		
30.	No. of Trees to be Planted	17,000		
31.	Monitoring Period	March 2022 to May 2022		

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

S. No.	CER/EMP Activity	1st Year	2nd Year	3rd Year	4th Year	5th Year
1	Skill Development (Carpentry, Welding, Masonry works, plumbing, Tailoring etc.) for the local community will be conducted.	Rs.25,000.00				Rs.25,000.00
2	Solar Street light (10 @ Rs 7000/pc with installation charge in village Dhara).			Rs.70,000.00		
3	Books/sports goods for primary school of village – Dhara.		15,000.00			15,000.00

4	Health check-up camp	20,000.00 2 times in a year	20,000.00 2 times in a year	20,000.00 2 times in a year	20,000.00 2 times in a year	20,000.00 2 times in a year
5	Renovation of primary school of Dhara and nearby villages schools.			50,000.00		
6	Hand pump (2 hand pump in village Dhara)		70,000.00			

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

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

The consultant (EIA Coordinator) also submitted an affidavit dated 16/12/2023 mentioning is as follows:

1. I Pankaj Srivastava S/o Shri V. V. Srivastava is EIA Coordinator of Paramarsh servicing Environment and Development.
2. I have prepared EIA/EMP report for the environmental clearance of Proposed "Silica Sand Mine" at Gata/Bhukhand no -Part of 136 Area -17.00 ha at Village-Dhara Tehsil-Bara, District-Prayagraj, Uttar Pradesh of M/s Vindh Construction Company., New Proposal No. SIA/UP/MIN/449697/2023
3. Old Proposal No. SIA/UP/MIN/77310/2022 with my team.
4. I have personally visited the proposed site along with team and certify that no mining activity has been undertaken on the project site for the present proposal.
5. I am satisfied with that all the necessary data/information required for EIA/EMP preparations are true and correct.
6. I certify that this project has been uploaded for the first time on Parivesh Portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
8. I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report.
9. The EIA/EMP report for the Proposal is prepared by my team as per 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-4 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. **Soil Mining Project from at Gata No.- 104mi., 104mi, 8mi, 89mi, 92, 93 Village- Kurreya Mu. Khanpur, Tehsil - Powanya, District- Shahjahanpur, Area- 2.206 ha., 8481/SIA/UP/MIN/452587/2023**

The Secretariat informed the committee that a compliant letter dated 18/12/2023 of Shri Harshraj Tiwari, Mobile No. 8299055573 has been received through email on 18/12/2023 and the complaint letter put up before SEAC in its 818th meeting dated 19/12/2023.

The committee has gone through the complaint letter dated 14/12/2023 of Shri Harshraj Tiwari and decided that the above complaint letter send to District Magistrate, Shahjahanpur to provide factual report regarding the issues mentioned in complaint letter.

The matter will be discussed after receipt of above information on prescribed portal.

9. **“Building Stone (Granite Khanda, Boulder, Bailast (Gitti))” Project at Gata No.- 19 (Khand No.- 05), Village- Ganj, Tehsil- Mahoba, District- Mahoba, Shri Abhishek Mishra, Area : 3.00 ha., 8483/SIA/UP/MIN/452439/2023**

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

1. The terms of reference is sought for Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining at Gata No.- 19 (Khand No.- 05), Village- Ganj, Tehsil- Mahoba, District- Mahoba, U.P., (Leased Area 3.00 Ha.).

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

1.	On-line proposal No.	SIA/UP/MIN/452439/2023		
2.	File No. allotted by SEIAA, UP	8483		
3.	Name of Proponent	Shri Abhishek Mishra S/o Shri Dinesh Kumar Mishra		
4.	Full correspondence address of proponent	R/o- H. No.- 128/ 34, K Block, Kidwai Nagar, District- Kanpur, U.P.		
5.	Name of Project	Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 19 (Khand No.- 05)		
7.	Name of Village	Ganj		
8.	Tehsil	Mahoba		
9.	District	Mahoba		
10.	Name of Minor Mineral	Building Stone (Granite Khanda, Boulder, Bailast (Gitti))		
11.	Sanctioned Lease Area (in Ha.)	3.00 ha.		
12.	Max.& Min mRL within lease area	184 mRL- 175 mRL		
13.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 24' 18.01"N	79° 56' 21.43"E
		B	25° 24' 18.45"N	79° 56' 24.53"E
		C	25° 24' 14.72"N	79° 56' 26.09"E
		D	25° 24' 12.88"N	79° 56' 27.52"E
		E	25° 24' 11.30"N	79° 56' 27.82"E
		F	25° 24' 09.42"N	79° 56' 27.44"E
		G	25° 24' 07.15"N	79° 56' 27.49"E
		H	25° 24' 06.72"N	79° 56' 26.12"E
14.	Total Geological Reserves	2626093 m ³		
15.	Total Mineable Reserves	593661 m ³		
16.	Total Proposed Production (in five year)	240000 m ³		
17.	Proposed Production / year	48000 m ³		
18.	Sanctioned Period of Mine lease	10 Years		
19.	Method of Mining	Opencast Semi-Mechanized		
20.	No.Of workers	37 (approx.)		
21.	Type of Land	Govt. revenue land		
22.	Ultimate Depth of Mining	12 meter (average)		
23.	Nearest metalled road from site	0.40 km		
24.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking & Others	0.40	
		Suppression of dust	2.40	
		Plantation	3.00	
		Total	5.80	
25.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/2124/RA0224 Validity-01/05/2024		
26.	Any litigation pending against the project or land in any court	No		
27.	Details of 500 m Cluster certificate Verified by Mining Officer	DMO (Khanan Anubhag), Mahoba vide Letter No. 1153/MMC-30/2023-24, Dated 10.10.2023		
28.	Details of Lease Area in approved DSR	Page No.-83, S.No.- 27		
29.	Proposed CER cost	1.50 Lakh		
30.	Proposed EMP cost	EMP in First Year - 16.20 Lakh EMP (Recurring Years) – 7.15 Lakh		
31.	Length and breadth of Haul Road.	Length- 0.40 km, Width- more than 6.0 m		
32.	No. of Trees to be Planted	3000		
33.	Monitoring Period	Oct. to Dec., 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 10/11/2023 mentioning is as follows:

1. I Dr. Pankaj Srivastava S/o Shri V. V. Srivastava is EIA Coordinator of Paramarsh servicing Environment and Development.
2. I have prepared EIA/EMP report for the Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining at Gata No.- 19 (Khand No.- 05), Village- Ganj, Tehsil- Mahoba, District- Mahoba, U.P., (Leased Area 3.00 Ha.) with my team.
3. I have personally visited the proposed site along with team 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 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 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. 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 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 proper 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.

10. Soil Mining Project from at Khasra No.- 40, 44, 33, 46, 35, Village- Tilokpur, Tehsil - Powanya, District-Shahjahanpur, Shri Krishna Kumar, Area- 4.7352 ha., 8485/SIA/UP/MIN/452636/2023

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 Soil Mining Project from at Khasra No.- 40, 44, 33, 46, 35, Village- Tilokpur, Tehsil - Powanya, District-Shahjahanpur, U.P., (Leased Area: 4.7352 Ha.)
2. Salient features of the project as submitted by the project proponent:

On-line proposal No.	SIA/UP/MIN/452636/2023		
File No .allotted by SEIAA,UP	8485		
Name of Proponent	Krishna Kumar		
Registered Address	Bujhiya, Lalpur, Powanya District- Shahjahanpur, U.P		
Full correspondence address of proponent and mobile no.	Krishna Kumar Bujhiya, Lalpur, Powanya District- Shahjahanpur, U.P krishnakumar2spn@gmail.com		
Name of Project	Tilokpur Soil Mining Project		
Project location (Plot/ Khasra /Gata No.)	Khasra No- 40., 44., 33, 46, 35		
Name of Village	Tilokpur		
Tehsil	Powanya		
District	Shahjahanpur		
Name of Minor Mineral	Ordinary soil		
Total Area (in Ha.)	4.7352 ha		
Mineable Area (in Ha.)	2.092 ha		
Pillar Coordinates(Verified by OMO)		Latitude	Latitude
			44.
	A	28°17'51.64"N	80°13'13.51"E
	B	28°17'50.73"N	80°13'14.61"E
	C	28°17'48.32"N	80°13'12.29"E
	D	28°17'49.27"N	80°13'11.13"E
			40.
	A	28°17'55.50"N	80°13'9.99"E

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	B	28°17'54.72"N	80°13'11.03"E
	C	28°17'51.77"N	80°13'8.21"E
	D	28°17'52.71"N	80°13'7.19"E
		33	
	A	28°17'53.62"N	80°13'21.77"E
	B	28°17'50.87"N	80°13'21.90"E
	C	28°17'53.93"N	80°13'17.95"E
	D	28°17'55.39"N	80°13'19.28"E
		46	
	A	28°17'55.39"N	80°13'19.28"E
	B	28°17'53.93"N	80°13'17.95"E
	C	28°17'47.00"N	80°13'22.27"E
	D	28°17'51.90"N	80°13'15.92"E
		35	
	A	28°18'2.71"N	80°13'14.44"E
	B	28°17'59.91"N	80°13'17.88"E
	C	28°17'57.00"N	80°13'14.95"E
	D	28°17'59.83"N	80°13'11.43"E
Period of agreement between Project proponent & Land Owner	1 year		
Mine Plan approval details	Letter No. 288/Khanan Anubhag/2023 dated 09/11/2023		
Validity of Mine Plan	6 months		
Total Proposed Production (6 months)	1,65,542 tons /103464 cum		
Proposed Production/year	The project is only for 6 months		
Method of Mining	Semi-Mechanized Opencast		
No.Of workers	20		
Type of Land	Pvt. Land (Agriculture)		
Ultimate Depth of Mining	2.5 Meter		
Water Requirement	Purpose	Requirement (kld)	
	Drinking and domestic	0.5	
	Suppression of dust	2.8	
	Plantation	5.4	
	Others(if any)	-	
	Total	8.7	
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	Jokhnai Nadi	about 0.8 km in W direction	
	Barua Nadi	about 5 km in NW direction	
	Lohangpur RF	about 0.15 km in E direction	
	Bilandpur RF	about 4 km in SW direction	
Areas occupied by sensitive manmade land uses (hospitals, schools, places of worship, community facilities)	Prathmik school, budheli	About 5 km in E direction	
	Azhari Public school	About 7 km in NE direction	
	Janta Junior High School, Muradpur	About 6 km in SE direction	
	Nibiakhera		
Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 293/Khanan Anubhag/2023 dated 09/11/2023		
Proposed CER cost	0.40 Lakh		
Proposed EMP cost	1.00 Lakh		
No. of Trees to be Planted	1400		
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	1400 saplings	56,000	11,200
	Water Demand for plantation	2.8 KLD	--	20,000
	Tree Guard @80 Rs/Plant	1400 saplings	1,12,000	70,000
b.	Air Pollution Control		--	--
	Sprinkling on Mining Site and haulage route	5.4 KLD	--	40,000
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	--
TOTAL			2,27,500	1,56,200
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 15/12/2023 mentioning is as follows:

1. I, Sumit Verma, S/o Shri Kamal Nath Verma is EIA Coordinator of M/s Rian Enviro Private Limited, Bihar.
2. I have prepared EIA/EMP (B2 Project) for the proposal (EC) in the name of Tilokpur Soil Mining Project 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 Application /EIA/EMP 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. 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-3 to these minutes.

11. Soil Mining Project (for category B2) from Gata No.- 369, 362, 281 Village Maholiya Mundi, Tehsil & District- Shahjahanpur, Shri Kant Verma, Area- 1.2355 ha., 8487/SIA/UP/MIN/452660/2023

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 Soil Mining Project (for category B2) from Gata No.- 369, 362, 281, Village-Maholiya Mundi, Tehsil & District- Shahjahanpur, U.P., (Lease Area: 1.2355 Ha.).

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

On-line proposal No.	SIA/UP/MIN/452660/2023			
File No .allotted by SEIAA,UP	8487			
Name of Proponent	M/S Shri Shyamji Enterprises Prop. Shri kant Verma			
Registered Address	Nizampur Gautiya, Shahbaznagar District- Shahjahanpur, U.P			
Full correspondence address of proponent and mobile no.	M/S Shri Shyamji Enterprises Prop. Shri kant Verma Nizampur Gautiya, Shahbaznagar District- Shahjahanpur, U.P shrishyamjienter@gmail.com			
Name of Project	Maholiya Mundi Soil Mining Project			
Project location (Plot/ Khasra /Gata No.)	Khasra No- 369, 362, 281			
Name of Village	Maholiya Mundi,			
Tehsil	Sadar			
District	Shahjahanpur			
Name of Minor Mineral	Ordinary soil			
Total Area (in Ha.)	1.2355 ha			
Mineable Area (in Ha.)	1.1737 ha			
Pillar Coordinates(Verified by OMO)		Latitude	Latitude	
		369		
	A	27°55'33.98"N	79°58'4.87"E	
	B	27°55'33.12"N	79°58'6.24"E	
	C	27°55'30.78"N	79°58'4.02"E	
	D	27°55'31.70"N	79°58'2.79"E	
		362		
	A	27°55'35.34"N	79°58'6.24"E	
	B	27°55'34.31"N	79°58'7.67"E	
	C	27°55'33.09"N	79°58'6.71"E	
	D	27°55'34.11"N	79°58'5.24"E	
		281		
	A	27°55'43.55"N	79°58'17.57"E	
	B	27°55'42.82"N	79°58'18.70"E	
	C	27°55'39.08"N	79°58'15.42"E	
	D	27°55'39.91"N	79°58'14.34"E	
	Period of agreement between Project proponent & Land Owner	1 year		
	Mine Plan approval details	Letter No. 289/Khanan Anubhag/2023 dated 09/11/2023		
Validity of Mine Plan	6 months			
Total Proposed Production (6 months)	43192 tons /26995 cum			
Proposed Production/year	The project is only for 6 months			
Method of Mining	Semi-Mechanized Opencast			
No.of workers	20			
Type of Land	Pvt. Land (Agriculture)			
Ultimate Depth of Mining	2.5 Meter			
Water Requirement	Purpose	Requirement (kld)		
	Drinking and domestic	0.5		
	Suppression of dust	4.9		
	Plantation	1.9		
	Others(if any)	--		
	Total	7.2		
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	Khanaut River Garra River Canal	about 0.07 km away in W direction about 8 km away in W direction about 8 km away in NE direction
Areas occupied by sensitive manmade land uses (hospitals, schools, places of worship, community facilities)	JP Public School Kendriya Vidhyalay Urmila Devi School Shiv temple Hnaumat Dham K.K Hospital Al Shifa Hospital Nipun Hospital	About 3 km in E direction About 3 km in SW direction About 5 km in SE direction About 7 km in SW Direction About 8 km in S Direction About 4 km in W Direction About 5 km in W Direction About 7 km in SW Direction
Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 294/Khanan Anubhag/2023 dated 09/11/2023	
Proposed CER cost	0.40 Lakh	
Proposed EMP cost	1.00 Lakh	
No. of Trees to be Planted	950	
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	950 saplings	38,000	7,600
	Water Demand for plantation	1.9 KLD	--	20,000
	Tree Guard @80 Rs/Plant	950 saplings	76,000	47,500
b.	Air Pollution Control		--	--
	Sprinkling on Mining Site and haulage route	4.8 KLD	--	40,000
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	--
TOTAL			1,73,500	1,30,100

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 15/12/2023 mentioning is as follows:

- I, Sumit Verma, S/o Shri Kamal Nath Verma is EIA Coordinator of M/s Rian enviro Private Limited, Bihar.
- I have prepared EIA/EMP (B2 Project) for the proposal (EC) in the name of Maholiya Soil Mining Project 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 Application /EIA/EMP 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. 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-3 to these minutes.

12. “Building stone as Sandstone (Khanda, Boulder, Ballast) Mining Project” located at Gata no- 669 Mi (Khand- 41), Village- Khailar, Tehsil Sadar & Jhansi, Shri Mahendra Kumar Saraogi, Area- 1.821 Ha., 8489/SIA/UP/MIN/452682/2023

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 as Sandstone (Khanda, Boulder, Ballast) Mining Project” located at Gata no- 669 Mi (Khand- 41), Village- Khailar, Tehsil Sadar & Jhansi, (Leased Area 1.821 Ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/ 452682/2023																					
2.	File no. allotted by SEIAA, UP	8489																					
3.	Name of proponent	Shri Mahendra Kumar Saraogi S/o Shri Chhedi Lal Saraogi																					
4.	Full correspondence address of proponent.	94/11, Civil Line, District- Jhansi (U.P.)-284001																					
5.	Name of Project	Building stone as Sand stone, Khanda, Boulder, Ballast Mining Project.																					
6.	Project location (Gata No.)	669 Mi, Khand No-41																					
7.	Name of Village	Khailar																					
8.	Tehsil	Sadar																					
9.	District.	Jhansi (U.P.)																					
10.	Name of Minor Mineral	Building stone as Sand stone, Khanda, Boulder, Ballast																					
11.	Sanction Lease Area (in Ha.)	1.821 Ha.																					
12.	Max. & Min mRL within lease area	Maximum Elevation 344 mRL & Minimum Elevation 315 mRL																					
13.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillar</th><th>Latitude(N)</th><th>Longitude(E)</th></tr> </thead> <tbody> <tr> <td>A</td><td>25°20'43.22"N</td><td>78°31'16.32"E</td></tr> <tr> <td>B</td><td>25°20'43.00"N</td><td>78°31'18.58"E</td></tr> <tr> <td>C</td><td>25°20'37.22"N</td><td>78°31'18.05"E</td></tr> <tr> <td>D</td><td>25°20'37.16"N</td><td>78°31'18.80"E</td></tr> <tr> <td>E</td><td>25°20'35.26"N</td><td>78°31'18.80"E</td></tr> <tr> <td>F</td><td>25°20'35.40"N</td><td>78°31'15.57"E</td></tr> </tbody> </table>	Pillar	Latitude(N)	Longitude(E)	A	25°20'43.22"N	78°31'16.32"E	B	25°20'43.00"N	78°31'18.58"E	C	25°20'37.22"N	78°31'18.05"E	D	25°20'37.16"N	78°31'18.80"E	E	25°20'35.26"N	78°31'18.80"E	F	25°20'35.40"N	78°31'15.57"E
Pillar	Latitude(N)	Longitude(E)																					
A	25°20'43.22"N	78°31'16.32"E																					
B	25°20'43.00"N	78°31'18.58"E																					
C	25°20'37.22"N	78°31'18.05"E																					
D	25°20'37.16"N	78°31'18.80"E																					
E	25°20'35.26"N	78°31'18.80"E																					
F	25°20'35.40"N	78°31'15.57"E																					
14.	Total Geological Reserves	4,36,542 m ³																					
15.	Total Mineable Reserves	2,49,612 m ³																					

16.	Total Proposed Production (in five year)	91,050 m ³ in 5 years.
17.	Proposed production / year	18,210 m ³ per year
18.	Sanction Period of Mine lease	20 Years as per Letter of Intent
19.	No. of workers	40
20.	Type of Land	Government Land
21.	Ultimate depth of mining	36 m as per approved mining plan
22.	Nearest metalled road from Site	NH 44 is about 2.05 km away from lease area towards East direction.
23.	Water requirement	PURPOSE
		Drinking water
		Dust suppression
		Plantation
		Others (if any)
		Total
		REQUIREMENT (KLD)
		0..5
		1.98
		2.0
		-
		4.48 KLD
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 (REV-01) Valid up to 21/01/2024.
25.	Any litigation pending against the project or land in any court.	No
26.	Detail of 500 m Cluster certificate verified by mining officer	1423/30 M.M.C(2023-24), Date- 06.10.2023
27.	Detail of Lease Area in approved DSR	Letter No. 140/30 M.M.C./D.S.R. 2023-24 on Dated 28.04.2023
28.	Proposed EMP cost	Rs 11,47,640/-
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 October 2023 to 31 Dec 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 project proponent also submitted a letter dated 28/09/2023 at Directorate of Environment through which they have informed that the collection of baseline monitoring data for the said project has already been started for post-monsoon season (October to December, 2023) as per provision of MoEFCC, OM dated 08/06/2022.

The consultant (EIA Coordinator) also submitted an affidavit dated 12/12/2023 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/452682/2023, File No. 8489, Building stone as Khanda, Boulder, Ballast Mining Project located at Gata no- 669 Mi (Khand-41) (Lease Area 1.821 Ha) in Village- Khailar, Tehsil Sadar & District Jhansi, Uttar Pradesh Project Proponent- Shri Shri Mahendra Kumar Saraogi S/o - Shri Chhedi Lal Saraogi R/O – 94/11, Civil Line, District- Jhansi (U.P.) with my team.
- I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
- I have satisfied with that all the necessary data/information required for TOR presentations 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 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. 12

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 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 proper 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.

13. “Ordinary Soil Excavation Project” at Gata No.-377, Village- Kapasi, Tehsil- Bakshi Ka Talab, District- Lucknow, Shri Rahul Verma, Area: 1.7500 Ha., 8185/SIA/UP/MIN/442169/2023

The Secretariat informed the committee that the matter was earlier discussed in 799th SEAC meeting dated 16/10/2023 and recommended to grant the environmental clearance for the project proposal along with general and specific conditions. Subsequently, the matter was listed in 775th SEIAA meeting dated 16/10/2023 wherein:

“SEIAA noted that SEAC has recommended to grant EC to the above project. SEIAA gone through file and documents and found that 4 Geo coordinates of the above area have been submitted whereas in KML area is marked as polygon. Hence SEIAA opined to refer back the project to SEAC for review/comments.”

As per the above decision of SEIAA, the matter was listed in 818th SEAC meeting dated 19/12/2023. The committee discussed the matter and opined that the reply submitted by the project proponent seems not satisfactory. Hence, the committee directed the project proponent to submit above information.

The matter will be discussed after submission of online information on prescribed portal.

14. Group Housing Project at Plot no. -SC01/A1 - Alpha, Sector - 79, Noida, District - Gautam Buddha Nagar, Shri Dilip Kumar, M/s Sequel Buildcon Pvt. Ltd., 8269/SIA/UP/INFRA2/444717/2023

RESOLUTION AGAINST AGENDA NO. 14

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.

15. Manufacturing MS Bars at unit located at Khasra No.- 2069, Village-Sujru, Meerut Road, Muzaffarnagar, Shri Akash Kumar, M/s Shri Jaibalaji Steel Rolling Mills Pvt. Ltd., 8253/7650/SIA/UP/IND1/443326/2023

RESOLUTION AGAINST AGENDA NO. 15

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.

16. IT SEZ Project on Plot No.- TZ-6, Greater Noida, District- Gautam Budha Nagar, Shri Chanderkant, M/s Ansal IT City and Parks Ltd., 8211/8071/SIA/UP/INFRA2/442944/2023

A presentation was made by the project proponent along with their consultant M/s Ambiantal Global Private Limited. The project proponent/consultant informed the committee that the environmental clearance for the aforesaid project was issued by MoEF vides letter no. 21-13/2007-IA.III, dated 04/12/2007.

The committee discussed the matter and raises the queries related to the proposed project and PP/Consultant could not reply satisfactorily. PP/consultant has assured that they will submit the documents/information as per committee instructions. The project proponent should bring a certified

compliance report and information from IRO, MoEF&CC, Govt. of India, Lucknow specially two points:

1. No construction activity has been undertaken by project proponent after expiry of the environmental clearance.
2. There is no violation of the EIA Notification, 2006 (as amended thereof).

The matter will be discussed after submission of above information on prescribed portal.

17. Expansion of Existing Sugar unit from 10,000 TCD to 12,000 TCD along with expansion of existing co gen power capacity from 20 MW to 32.7 MW within existing industry premises at village-Kumbhi, Tehsil: Gola Gokarannath District-Lakhimpur Kheri, Uttar Pradesh by M/s Balrampur Chini Mills Ltd., (Unit: Kumbhi, Division: Sugar),. 8517/8000/SIA/UP/IND2/453133/2023

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

1. The environmental clearance is sought for Expansion of Existing Sugar unit from 10,000 TCD to 12,000 TCD along with expansion of existing co gen power capacity from 20 MW to 32.7 MW within existing industry premises at village-Kumbhi, Tehsil: Gola Gokarannath District-Lakhimpur Kheri, Uttar Pradesh by M/s Balrampur Chini Mills Ltd., (Unit: Kumbhi, Division: Sugar).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 214/Parya/SEIAA/8000/2023 Dated 30/08/2023.
3. The Public Hearing was organized on 27/10/2023. Final EIA report submitted by the project proponent on 24/11/2023
4. Salient features of the project:

A. Summary Features of the project.				
Sr. No	Particulars	Details		
		Existing	Proposed expansion	After Expansion
1.	Nature and Size of Project	10000 TCD	2000 TCD	12000 TCD
2.	Locations Details			
	Village/City	Kumbhi		
	Tehsil	Gola Gokarannath		
	District	Lakhimpur Kheri		
	State	Uttar Pradesh		
3.	Area Details			
	Total Plant Area	Existing Industry: 66.87 Ha (165.270 Acres) Proposed Expansion: Nil Total After Expansion : 66.87 Ha (165.270 Acres) No change in the area of industry, expansion will be done within existing premises.		
	Greenbelt / Plantation Area	~ 33% of the project area has been provided as green belt. Same will be maintained after expansion also.		
4.	Cost Details			
	Total Project Cost	Existing Cost : Rs 199.83 Crore. Cost for proposed expansion: Rs 101.55 Crore. Total project cost after expansion: Rs 301.38 Crore.		
	Cost for Environment Management Plan	Total EMP Cost: Rs 900 Lakh. Recurring Cost: Rs 362 Lakh/Annum		
5.	Basic Requirements for the project			
	Water Requirement	Existing		After Proposed expansion
	Industrial (Fresh Water)	1700 KLD (@ 0.17 KL/T of cane crush)		1700 KLD (@ 0.14 KL/T of cane crush)

	Domestic (Fresh Water)	300 KLD	300 KLD
	Total Fresh Water requirement	2000 KLD	2000 KLD
	Waste Water generation	2000 KLD	2400 KLD
	Source of Fresh Water	Ground water through Tube / Bore well.	
	Power Requirement	Existing power requirement – 14.0 MW, After proposed expansion 16.75 MW,	
	Man Power Requirement	Existing manpower of the plant is 450 nos. during season & during off season 298 Nos. There is addition of 10 Nos man power for proposed expansion. The total estimated manpower (During Season) after the proposed expansion shall be 460 Nos. and 304 no's during non-season.	
6.	Fuel and Its Quantity	Bagasse is being and will be used as fuel. Existing requirement: 2820 TPD After proposed expansion: : 2820 TPD (No Change).	
7.	Product Details	Existing	After Proposed Expansion
a	Sugar	1050 MT/Day	1300 MT/Day
b	Molasses (Byproduct)	600 MT/Day	720 MT/Day
c	Bagasse (By product)	2700 MT/Day	3240 MT/Day
d	Press Mud (By Product)	350 MT/Day	420 MT/Day
e	Power	20.0 MW	32.7 MW
8.	Steam requirement	Existing: 155 TPH After proposed expansion: 190 TPH	
	Source	Three (03) numbers boiler of capacity 90 TPH, 90 TPH & 55 TPH is already installed.	
9.	Raw Material		
		Existing	Proposed expansion
			After proposed expansion
	Sugar Cane Crushing	10000 TCD	12000 TCD

5. Land use details:

Sr. No.	Land Use	Area in Sqm	Area in Percentage
1	Roof Top (Building, Covered Shed)	25708.0	3.8
2	Green Belt	220700.0	33.06
3	Road and paved	60480.0	9.04
4	Open Area	361812.0	54.10
Grand Total		668700.0	100 %

6. Product details:

Product and its Quantity	Existing	After Expansion
	Sugar Cane 10000 TCD Crushing	Sugar Cane 12000 TCD Crushing
Sugar (Product)	1050 MT/Day	1300 MT/Day
Molasses (By Product)	600 MT/Day	720 MT/Day
Bagasse (By Product)	2700 MT/Day	3240 MT/Day
Press Mud (By Product)	350 MT/Day	420 MT/Day

7. Raw material details:

Sr. No.	Particulars	Existing	Proposed Expansion	Total after expansion	Source of the raw material & mode of transportations
1.	Sugar Cane	10000 T	2000 T	12,000 T	From reserve area by tractor trolley /trucks
2.	Chemicals				
a.	Lime	10.0 T	2.0 T	12.0 T	Will be sourced from Lime Stone mines and transported by trucks.
b.	Caustic Soda	0.2 T	0.04 T	0.24 T	Will be sourced from Sulphur Local market and transported by trucks
c.	Common Salt	2.0 T	0.4 T	2.4 T	Will be sourced from Open Market.

8. Water requirement details:

Sr. No.	Particulars	Existing KLD	Proposed KLD	Total KLD	Source
1	Industrial (Season)	1700	-	1700	Ground Water through Tube-well
AND					
2	Domestic water requirement	300	-	300	
	Grand Total	2000	-	2000	
	Waste Water generation	2000	400	2400	Maximum effluent generation is being and will be @ 0.2 KL / Ton of Cane Crushed.

9. Domestic solid waste details:

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

10. Industrial/Process waste details:

Name of Solid waste	Existing capacity	Total After Expansion	Management Plan
Boiler ash	50.76 MT/Day	50.76 MT/Day	Boiler ash is being / will be supplied to the brick manufacturer.
ETP Sludge	1.0 MT/Day	1.2 MT/Day	ETP Sludge is being / will be given to the farmers.
Press Mud	350 MT/Day	420 MT/Day	Press mud is being / will be given to the farmers.

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

CER Activities	Year wise expenditure after start of construction work
	(Amount in Lakhs)
1. Skill Development program for local youth	15.0
2. Sensor based Solar Light (200 Nos) distribution in village – Kumbhi, Paraspur, Debhiana.	36.0
3. Adoption of village schools for Infrastructure development (Solar Light, Drinking Water Facility, Toilets, Laptop & Computers etc) and smart classes in village : Kumbhi, Paraspur,	50.0
Total	101.0

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

The consultant (EIA Coordinator) also submitted an affidavit dated 15/12/2023 mentioning is as follows:

1. I, Anubhav Singh, S/o Shri Bhupendra Pratap Singh is EIA Coordinator of M/s Environmental & Technical Research Centre.
2. I have prepared EIA/EMP report for the Expansion of Existing Sugar unit from 10,000 TCD to 12,000 TCD along with expansion of existing co gen power capacity from 20 MW to 32.7 MW within existing industry premises at village-Kumbhi, Tehsil: Gola Gokarannath District–Lakhimpur Kheri, Uttar Pradesh by M/s Balrampur Chini Mills Ltd., (Unit: Kumbhi, Division: Sugar) with my team.
3. I have personally visited the site of proposal and certify that no construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with Application/EIA/EMP 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 report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 17

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

Additional/Specific Conditions:

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

Standard environmental clearance conditions:

I. Statutory compliance:

- I. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- II. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- III. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden, if applicable. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six - monthly compliance report. (in case of the presence of schedule-I species in the study area).
- IV. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
- V. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- VI. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989

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

II. Air quality monitoring and preservation:

- I. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- II. The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
- III. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six- monthly monitoring report.
- IV. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
- V. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.
- VI. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
- VII. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
- VIII. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.

III. Water quality monitoring and preservation

- I. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises and connected to SPCB and CPCB online servers.
- II. Process effluent /any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
- III. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
- IV. Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
- V. Generated effluent shall be treated in ETP and treated effluent shall conform the standard under the EP Act, 1986/CPCB/MoEF&CC and treated water from ETP shall be used for irrigation.

- VI. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.

IV. Noise monitoring and prevention

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

V. Energy Conservation measures

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

VI. Waste management

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

VII. Green Belt

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

VIII. Safety, Public hearing and Human health issues

- I. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- II. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- III. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- IV. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- V. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

- VI. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places

IX. Corporate Environment Responsibility

- I. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- II. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements /deviation/violation of the environmental / forest /wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation/ violation of the environmental/ forest / wildlife norms I conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- III. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive , who will directly to the head of the organization.
- IV. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- V. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

X. Miscellaneous

- I. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- II. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- III. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- IV. The project proponent shall monitor the criteria pollutants level namely; PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- V. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- VI. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.

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

(Dr. Brij Bihari Awasthi)
Member

(Umesh Chandra Sharma)
Member

(Dr. Ratan Kar)
Member

(Ashish Tiwari)
Member-Secretary, SEAC

(Rajive Kumar)
Chairman

Nodal, SEAC-1

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

Annexure-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 PM10, particularly for free silica, should be given.
- 22) Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
- 23) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
- 24) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 25) Description of water conservation measures proposed to be adopted in the Project should be given.
- 26) Details of rainwater harvesting proposed in the Project, if any, should be provided.
- 27) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.

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

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

Annexure-3

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 earlier.
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.

General and Specific Conditions for Sand/Morum Mining Proposals

General Conditions:

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

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

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

Specific Conditions:

1. The Environmental clearance will be co-terminus with the mining lease period/mining plan whichever is earlier.
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, PM_{2.5}, SO₂ and NO_x. 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.