

Minutes of 788th SEAC-2 Meeting Dated 19/09/2023

The 788th meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 19/09/2023. Following members participated in the meeting:

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

The Chairman welcomed the members to the 788th SEAC-2 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-2 informed the committee that the agenda has been approved by the Member Secretary, SEAC-2/Director, Environment. Nodal Officer, SEAC-2 placed the agenda items along with the available file and documents before the SEAC-2.

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

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

1. The environmental clearance is sought for Building Stone (Sandstone) Mine from Gata no.- 428, Village- Dhuria, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh, (Leased Area- 0.809 ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 325/Parya/SEIAA/ 6488/2021, dated 02/01/2023.
3. The Public Hearing was organized on 21/06/2023. Final EIA Report was submitted by the Project Proponent on 24/08/2023.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/441645/2023
2.	File No.allotted by SEIAA,UP	8164-6488
3.	Name of Proponent	M/s Sushil Stone Gram udhyog Shri Sushil kumar Gupta
4.	Registered Address	R/O-A.M. 2/14, VEERANGANA NAGAR, M.L. B. MEDICAL COLLEGE, TEHSIL & DISTRICT-JHANSI (U.P).
5.	Full correspondence address of proponent and mobile no.	R/O-A.M. 2/14, VEERANGANA NAGAR, M.L. B. MEDICAL COLLEGE, TEHSIL & DISTRICT-JHANSI (U.P).
		Mobile No.-
		E-mail ID-
6.	Name of Project	Khairo Khanda Gitti Boulder(Building Stone) mining Project
7.	Project Location (Plot.Khasra/Gata No.)	201 (Khand No. 04),
8.	Name of Village	Khairo
9.	Tehsil	Garautha
10.	District	Jhansi

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11.	State	Uttar Pradesh			
12.	Name of Minor Mineral	Khanda Gitti Boulder(Building Stone)			
13.	Sanctioned Lease Area (in Ha.)	2.4280 Hectares			
14.	Max. & Min mRL within lease area	Highest is 195.0 mRL west & Lowest is 178.12 mRL East			
15.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N)	Longitude (E)	
		A	25 ⁰ 35' 6.604"	79 ⁰ 13' 43.597"	
		B	25 ⁰ 35' 11.821"	79 ⁰ 13' 42.133"	
		C	25 ⁰ 35' 14.186"	79 ⁰ 13' 46.438"	
		D	25 ⁰ 35' 7.823"	79 ⁰ 13' 48.081"	
16.	Mine Plan approval details	Letter No.- 621 /ma plan /2016 Dated- 21/06/2018			
17.	Validity of Mine Plan	19 Years			
18.	Total geological reserves	649322 M ³			
19.	Total mineable reserves	45820 M ³			
20.	Total Proposed Production (In 5 Years)	24280 M ³			
21.	Total Proposed Production/Year	121400 M ³ /Year (according to as per LOI).			
22.	Sanctioned Period of Mine lease	20 years			
23.	Method of Mining	Opencast, Semi mechanized Method			
24.	No. of workers	45 Workers			
25.	Type of Land	Waste govt. land			
26.	Ultimate Depth of Mining	18m			
27.	Water Requirement		Purpose	Detail	Avg. Demand/Day
		Portable Tanker	Drinking@13lpcd/worker	27 workers x 13lpcd = 351lpcd	0.351 KLD
			Mine operation/others	-	2.0 KLD
			Land reclamation / plantation @5 Lit/Tree	50Trees x 5 lpcd = 250lpcd	0.250KLD
			Dust suppression @4Lit/Sq.m (Twice in a day)	Haul Road Area = (100 m Length x 6m Width = 600 m ²) x lpcd/Sq.m = 2400 lpcd	2.4 KLD
		Total			5 KLD
28.	Name of QCI Accredited Consultant with QCI No and period of validity	M/s Earthvision India Associate Consultant, NABET/EIA/2124/IA 0077 Valid till 24-02-2024			
29.	Any litigation pending against the project or land in any court	No			
30.	Details of 500 m Cluster certificate & Map Verified by Mining Officer	Letter No 877 /30mmc/(2020-2021), Dated 31-08-2020			
31.	Proposed CER cost	Rs. 3.568 Lakhs			
32.	Proposed EMP cost	Rs. 7.75 Lakhs			
33.	No. of Trees to be Planted.	2000			
34.	Detail of CTE/CTO issued by UPPCB	NA			

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

The consultant (EIA Coordinator) also submitted an affidavit dated 15/09/2023 mentioning is as follows:

1. I Brij Mohan Singh Negi S/o K.S. Negi is EIA Coordinator of Earthvision India Associate Consultants, Lucknow.
2. I have prepared EIA/EMP report for the Proposal EC in Name of M/s Sushil Stone Gramodhyog, Prop. Shri Sushil Kumar Gupta, S/o Shri Gendan lal Gupta 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. 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-1 to these minutes. The committee also stipulated the following specific conditions:

1. Project proponent has committed to plant 1000 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 1000 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
2. The project proponent shall install solar light in their site office.
3. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
4. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
5. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
6. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure

the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.

8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
10. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
11. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
12. The project proponent should explore the possibilities of rainwater harvesting.
13. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
14. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
15. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the Forest Department, UPPCB and Directorate of Environment, UP.

2. Sand/Morrum Mine from Private Land on Riverbed of Yamuna River Gata No. - 836, 840, 841, 842, 843 & 844, Village- Sadi Madanpur, Tehsil- Pailani, District- Banda, Shri Devendra Singh, Area- 1.06 Ha., 8166/SIA/UP/MIN/440204/2023

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

1. The terms of reference is sought for “Sand/Morrum Mining” from Riverbed of Yamuna River at Gata No.- 836, 840, 841, 842, 843 & 844, Village- Sadimadanpur, Tehsil- Pailani, District- Banda, Uttar Pradesh, (Leased Area- 1.06 ha.), M/s Ranya Singh & Company.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/440204/2023
2.	File No. allotted by SEIAA, UP	8166
3.	Name of Proponent	M/s Ranya Singh & Company (Prop. Shri Devendra Singh)
4.	Full correspondence address of proponent and E-mail Id	R/o- 549 Laxman Vihar Para Road, Raja Ji Puram, District- Lucknow (U.P.) E-mail Id- ranyasingh5418@gmail.com
5.	Name of Project	Sand/Morrum Mine from Riverbed of Yamuna River at Village- Sadimadanpur, Gata No. 836, 840, 841, 842, 843 & 844, Lease area- 1.06 Ha. (2.64 Acres), Tehsil- Pailani, District- Banda, Uttar Pradesh Project Proponent- M/s Ranya Singh & Company (Prop. Shri Devendra Singh)
6.	Project Location (Plot. Khasra/Gata No.)	Gata no.- 836, 840, 841, 842, 843 & 844, Village- Sadimadanpur, Tehsil- Pailani, District- Banda, Uttar Pradesh
7.	Name of River	Yamuna River
8.	Name of Village	Sadimadanpur
9.	Tehsil	Pailani
10.	District	Banda

11.	Name of Minor Mineral	Sand/Morrum		
12.	Sanctioned Lease Area (in Ha.)	1.06 ha. (2.64 Acres)		
13.	Max. & Min mRL within lease area	Highest mRL is 92.0 mRL & Lowest mRL is 90.10 mRL		
14.	Pillar Coordinates (Verified by DMO)	Coordinates of the sanctioned lease area-		
		Pillar	N	E
		A	25°46'48.918"N	80°33'40.500"E
		B	25°46'48.439"N	80°33'43.088"E
		C	25°46'49.051"N	80°33'47.145"E
		D	25°46'48.914"N	80°33'49.668"E
		E	25°46'48.129"N	80°33'49.143"E
		F	25°46'47.935"N	80°33'49.471"E
		G	25°46'46.693"N	80°33'48.949"E
H	25°46'47.485"N	80°33'42.569"E		
I	25°46'48.611"N	80°33'40.378"E		
15.	Total Geological Reserves	31,800 m ³		
16.	Total Mineable Reserve (as per Approved Mine Plan)	26,775 m ³		
17.	Total Proposed Production	26,775 m ³ in 06 Months		
18.	Proposed Production	26,775 m ³ in 06 Months		
19.	Sanctioned Period of Mine lease	6 Months		
20.	Method of Mining	Opencast, Semi-Mechanized		
21.	Working hours/day	8		
22.	No. of worker	18		
23.	Type of Land	Private land		
24.	Ultimate of Depth of Mining	2.80 m		
25.	Nearest metallad road from site	170m		
26.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking	0.18 KLD	
		Suppression of dust	1.68 KLD	
		Plantation	0.50 KLD	
		Others (if any)	-	
		Total	2.36 KLD	
27.	Name of QCI Accredited Consultant with QCI No and period of validity.	AWS Envirotech (OPC) Pvt. Ltd. Certificate no. NABET/EIA/2225/IA 0097(Rev.01) Valid Till July 14, 2025		
28.	Any litigation pending against the project or land in any court	No		
29.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 445/khanij-30, Banda Dated on 23.01.2023		
30.	Details of Lease Area in approved DSR	Mentioned in DSR approved vide letter No. 182/M. 228/2017 (Khanan Neeti)-D.S.R. dated on 07.07.2021		
31.	Proposed CER cost	Rs. 2.6 Lakhs		
32.	Proposed EMP cost	EMP cost- Rs. 8.0 Lakhs		
33.	Distance of Haul Road	170 m		
34.	No. of Trees to be Planted	250		

- 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 24/08/2023 mentioning is as follows:

1. I, Sandeep Kumar, S/o Shri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared the TOR application report for the proposal “Sand/Morrum Mining” from Riverbed of Yamuna River at Gata No.- 836, 840, 841, 842, 843 & 844, Village- Sadimadanpur, Tehsil- Pailani, District- Banda, Uttar Pradesh, (Leased Area- 1.06 ha.), M/s Ranya Singh & Company with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied that all the necessary data/ information submitted along with TOR application are true and correct.
5. I certify that this project proposal has been uploaded for the first time on PARIVESH Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on PARIVESH Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The TOR Report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 02

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

Additional TOR:

1. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
2. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
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. 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.
17. Proponent/consultant will conduct monitoring as per the CPCB guidelines and submit a photograph of monitoring in the presence of PP at the time of EIA presentation.

3. "Building Stone (Khanda, Gitti & Boulder)Mining" Project at Khasra No.-181/02, Village-Haiwatpura, Tehsil-Garautha, District-Jhansi, Smt. Aneeta Gupta, Area -1.214 ha., 8168/6453/SIA/UP/MIN/441824/2023

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

1. The environmental clearance is sought for "Building Stone (Khanda, Gitti & Boulder)Mining" Project at Khasra No.-181/02, Village- Haiwatpura, Tehsil-Garautha, District-Jhansi, Uttar Pradesh, (Leased Area- 1.214 ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 313/Parya/SEIAA/ 6453/2022, dated 21/12/2022.
3. The Public Hearing was organized on 21/06/2023. Final EIA Report was submitted by the Project Proponent on 25/08/2023.

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

1.	On-line proposal No.	SIA/UP/MIN/441824/2023			
2.	File No.allotted by SEIAA,UP	8168-6453			
3.	Name of Proponent	M/s Sushil Stone Industry. Smt. Aneeta Gupta (prop.) W/o Shri Sushil kumar Gupta			
4.	Registered Address	R/O-A.M. 2/14, VEERANGANA NAGAR, M.L. B. MEDICAL COLLEGE, TEHSIL & DISTRICT-JHANSI (U.P).			
5.	Full correspondence address of proponent and mobile no.	R/O-A.M. 2/14, VEERANGANA NAGAR, M.L. B. MEDICAL COLLEGE, TEHSIL & DISTRICT-JHANSI (U.P).			
6.	Name of Project	Haiwatpura Khanda Gitti Boulder(Building Stone) mining Project			
7.	Project Location (Plot.Khasra/Gata No.)	181 (Khand No. 02),			
8.	Name of Village	Haiwatpura			
9.	Tehsil	Garautha			
10.	District	Jhansi			
11.	State	Uttar Pradesh			
12.	Name of Minor Mineral	Khanda Gitti Boulder(Building Stone)			
13.	Sanctioned Lease Area (in Ha.)	1.2140 Hectares			
14.	Max. & Min mRL within lease area	Highest is 247.6 mRL North West & Lowest is 210.10mRL South East.			
15.	Pillar Coordinates (Verified by DMO)	<table border="1"> <tr> <td>Pillar</td> <td>N</td> <td>E</td> </tr> </table>	Pillar	N	E
Pillar	N	E			

		No.			
		A	25°34'26.82"N	79°14'06.95"E	
		B	25°34'25.75"N	79°14'03.78"E	
		C	25°34'21.57"N	79°14'05.42"E	
		D	25°34'23.14"N	79°14'08.54"E	
16.	Mine Plan approval details	Letter No.- 2022/11/4/158778 Dated- 02/12/2022			
17.	Validity of Mine Plan	5 Years			
18.	Total geological reserves	352310 M ³			
19.	Total mineable reserves	309064 M ³			
20.	Total Proposed Production (In 5 Years)	305000 M ³			
21.	Total Proposed Production/Year	61000 M ³ /Year (according to as per LOI).			
22.	Sanctioned Period of Mine lease	20 years			
23.	Method of Mining	Opencast, Semi mechanized Method			
24.	No. of workers	45 Workers			
25.	Type of Land	Waste govt. land			
26.	Ultimate Depth of Mining	40.0 m			
27.	Water Requirement		Purpose	Detail	Avg. Demand/Day
		Portable Tanker	Drinking@15 lpcd/worker	45 workers x 15 lpcd = 675 lpcd	0.675 KLD
			Mine operation/others	-	2.0 KLD
			Land reclamation / plantation @2 Lit/Tree	1500Trees x 2 lpcd = 3000 lpcd	3.0KLD
			Dust suppression @2Lit/Sq.m (Twice in a day)	Haul Road Area = (100 m Length x 6m Width = 600 m ²) x2lpcd/Sq.m = 1200 lpcd	1.2 KLD
		Total			6.875 KLD
28.	Name of QCI Accredited Consultant with QCI No and period of validity	M/s Earthvision India Associate Consultant, NABET/EIA/2124/IA 0077 Valid till 24-02-2024			
29.	Any litigation pending against the project or land in any court	No			
30.	Details of 500 m Cluster certificate & Map Verified by Mining Officer	Letter No283/30mmc/(2021-2022), Dated 22-04-2021			
31.	Proposed CER cost	Rs. 4.232 Lakhs			
32.	Proposed EMP cost	Rs. 9.90Lakhs			
33.	No. of Trees to be Planted.	1500			
34.	Detail of CTE/CTO issued by UPPCB	NA			

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

The consultant (EIA Coordinator) also submitted an affidavit dated 15/09/2023 mentioning is as follows:

1. I Brij Mohan Singh Negi S/o K.S. Negi is EIA Coordinator of Earthvision India Associate Consultants, Lucknow.
2. I have prepared EIA/EMP report for the Proposal EC in Name of "Building Stone (Khanda, Gitti & Boulder)Mining" Project at Khasra No.-181/02, Village- Haiwatpura, Tehsil-Garautha, District-Jhansi, Uttar Pradesh, (Leased Area- 1.214 ha.). with my team.
3. I have personally visited the site of proposal and certify that no Mining/construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied that all the necessary data/ information submitted along with 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. 03

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

1. Project proponent has committed to plant 1000 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 1000 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
2. The project proponent shall install solar light in their site office.
3. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
4. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
5. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
6. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.

10. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
11. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
12. The project proponent should explore the possibilities of rainwater harvesting.
13. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
14. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
15. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the Forest Department, UPPCB and Directorate of Environment, UP.

4. “Building Stone (Khanda, Boulder, Bailast (Gitti))” Project at Gata No.- 142, Village- Pachehara, Tehsil- Mahoba, District- Mahoba, Shri Shivam Singh, Area : 4.048 ha., 8170/7575/SIA/UP/MIN/441278/2023

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

1. The environmental clearance is sought for Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining at Gata No.- 142, Village- Pachehara, Tehsil & District- Mahoba, U.P. (Leased Area- 4.048 ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 22/Parya/SEIAA/7575/2022, dated: 05/05/2023.
3. The Public Hearing was organized on 22/07/2023. Final EIA Report was submitted by the Project Proponent on 26/08/2023.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/441278/2023																					
2.	File No. allotted by SEIAA, UP	8170 / 7575																					
3.	Name of Proponent	Sukirti Contractor And Supplier, Prop.- Shri Shivam Singh S/o Shri Ramkishore Singh																					
4.	Full correspondence address of proponent	R/o- Gandhi Nagar, Bajrang Chauk, Mahoba, District- Mahoba, U.P.																					
5.	Name of Project	Building Stone (Granite Khanda, Boulder, Bailast (Gitti)) Mining Project																					
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 142																					
7.	Name of Village	Pachehara																					
8.	Tehsil	Mahoba																					
9.	District	Mahoba																					
10.	Name of Minor Mineral	Building Stone (Granite Khanda, Boulder, Bailast (Gitti))																					
11.	Sanctioned Lease Area (in Ha.)	4.048 ha.																					
12.	Max.& Min mRL within lease area	204 mRL- 187 mRL																					
13.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillars</th><th>Latitude (N)</th><th>Longitude (E)</th></tr> </thead> <tbody> <tr> <td>A</td><td>25° 16' 22.11"N</td><td>79° 59' 14.85"E</td></tr> <tr> <td>B</td><td>25° 16' 25.80"N</td><td>79° 59' 18.87"E</td></tr> <tr> <td>C</td><td>25° 16' 26.42"N</td><td>79° 59' 18.05"E</td></tr> <tr> <td>D</td><td>25° 16' 26.83"N</td><td>79° 59' 24.98"E</td></tr> <tr> <td>E</td><td>25° 16' 25.45"N</td><td>79° 59' 25.89"E</td></tr> <tr> <td>F</td><td>25° 16' 19.43"N</td><td>79° 59' 21.65"E</td></tr> </tbody> </table>	Pillars	Latitude (N)	Longitude (E)	A	25° 16' 22.11"N	79° 59' 14.85"E	B	25° 16' 25.80"N	79° 59' 18.87"E	C	25° 16' 26.42"N	79° 59' 18.05"E	D	25° 16' 26.83"N	79° 59' 24.98"E	E	25° 16' 25.45"N	79° 59' 25.89"E	F	25° 16' 19.43"N	79° 59' 21.65"E
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F	25° 16' 19.43"N	79° 59' 21.65"E																					
14.	Total Geological Reserves	4261089 m ³																					

15.	Total Mineable Reserves	1445557 m ³	
16.	Total Proposed Production (in five year)	657800 m ³	
17.	Proposed Production / year	131560 m ³	
18.	Sanctioned Period of Mine lease	10 Years	
19.	Method of Mining	Opencast Semi-Mechanized	
20.	No.Of workers	44 (approx.)	
21.	Type of Land	Govt. revenue land	
22.	Nearest metalled road from site	50m	
23.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking & Others	0.50
		Suppression of dust	0.60
		Plantation	5.00
		Total	6.10
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/2124/RA0224, Validity-01/05/2024	
25.	Any litigation pending against the project or land in any court	No	
26.	Details of 500 m Cluster certificate Verified by Mining Officer	DMO (Khanan Anubhag), Mahoba vide Letter No. 2067/MMC-30/ 2022-23, Dated- 16.11.2022	
27.	Details of Lease Area in approved DSR	Page No.-02, S.No.- 50	
28.	Proposed CER cost	1.75 Lakh	
29.	Proposed EMP cost	EMP in First Year - 22.25 Lakh EMP (Recurring Years) – 8.60 Lakh	
30.	Length and breadth of Haul Road.	Length- 50m, Width- more than 6.0 m	
31.	No. of Trees to be Planted	5000	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 11/08/2023 mentioning is as follows:

- I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
- I have prepared EIA report for EC in the name of Sukirti Contractor And Supplier, Prop.- Shri Shivam Singh S/o Shri Ramkishore Singh for the “Building Stone (Granite Khanda, Boulder, Bailast (Gitti))” Project at Araj No.- 142, Village- Pachehara, Tehsil- Mahoba, District- Mahoba, U.P. (Applied Area : 4.048 ha.) with my team.
- I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
- I am satisfied with that all the necessary data/information submitted along with EIA are true and correct.
- I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
- I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
- I state that all the TOR Points is complied and all the issues raised during Public Hearing is properly addressed in EIA report.
- The EIA report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 04

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

1. Project proponent has committed to plant 1000 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 1000 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
2. The project proponent shall install solar light in their site office.
3. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
4. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
5. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
6. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff, rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
10. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
11. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
12. The project proponent should explore the possibilities of rainwater harvesting.
13. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
14. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
15. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the Forest Department, UPPCB and Directorate of Environment, UP.

5. Silica Sand Mining Project at Khasra/Gata No.- 1428 का भाग, 1429 का भाग, 1431 का भाग, 1432 का भाग, 1433 का भाग, 1434 का भाग, 1435 का भाग, 1438 का भाग, 1391 का भाग, 1389 का भाग, 1388 का भाग, 1387 का भाग, 1386 का भाग, 1385 का भाग, 1390 का भाग, Khand No. 04, Tehsil: Mau, District: Chitrakoot, Shri Suresh Tyagi, M/s Gold Plus Glass Industry Limited, Area: 37.20 Ha, 8172/SIA/UP/MIN/441807/2023

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 and Technical Research Centre. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for “Silica Sand Mining Project at Khasra/Gata No.- 1428 का भाग, 1429 का भाग, 1431 का भाग, 1432 का भाग, 1433 का भाग, 1434 का भाग, 1435 का भाग, 1438 का भाग, 1391 का भाग, 1389 का भाग, 1388 का भाग, 1387 का भाग, 1386 का भाग, 1385 का भाग, 1390 का भाग, Khand No. 04, Village – Pardawan, Tehsil: Mau, District: Chitrakoot, Shri Suresh Tyagi, M/s Gold Plus Glass Industry Limited, (Leased Area: 37.20 Ha).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/441807/2023																																										
2.	File No. allotted by SEIAA, UP	8172																																										
3.	Name of Proponent	M/s Gold Plus Glass Industry Ltd. Proprietor - Shri Suresh Tyagi S/o Shri Vishambher Singh Tyagi																																										
4.	Full correspondence address of proponent	R/o- 1, Thithaula Tehsil- Rurkee, District- Haridwar, (Uttarakhand.)																																										
5.	Name of Project	Proposed Silica Sand Mining Project																																										
6.	Project location (Plot/ Khasra /Gata No.)	Khasra/Gata no. 1428 का भाग, 1429 का भाग, 1431 का भाग, 1432 का भाग, 1433 का भाग, 1434 का भाग, 1435 का भाग, 1438 का भाग, 1391 का भाग, 1389 का भाग, 1388 का भाग, 1387 का भाग, 1386 का भाग, 1385 का भाग, 1390 का भाग, Khand No. 04,																																										
7.	Name of Village	Pardawan																																										
8.	Tehsil	Mau																																										
9.	District	Chitrakoot																																										
10.	Name of Minor Mineral	Granite Gitti, Khanda / Boulders																																										
11.	Sanctioned Lease Area (in Ha.)	37.20 ha.																																										
12.	Max.& Min mRL within lease area	176 mRL- 140 mRL																																										
13.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillars</th><th>Latitude (N)</th><th>Longitude (E)</th></tr> </thead> <tbody> <tr><td>A</td><td>25° 14.886'N</td><td>81° 33.215'E</td></tr> <tr><td>B</td><td>25° 14.916'N</td><td>81° 33.286'E</td></tr> <tr><td>C</td><td>25° 14.550'N</td><td>81° 33.560'E</td></tr> <tr><td>D</td><td>25° 14.273'N</td><td>81° 33.210'E</td></tr> <tr><td>E</td><td>25° 14.198'N</td><td>81° 33.361'E</td></tr> <tr><td>F</td><td>25° 14.108'N</td><td>81° 33.243'E</td></tr> <tr><td>G</td><td>25° 14.178'N</td><td>81° 33.037'E</td></tr> <tr><td>H</td><td>25° 14.286'N</td><td>81° 33.145'E</td></tr> <tr><td>I</td><td>25° 14.301'N</td><td>81° 33.196'E</td></tr> <tr><td>J</td><td>25° 14.335'N</td><td>81° 33.205'E</td></tr> <tr><td>K</td><td>25° 14.343'N</td><td>81° 33.224'E</td></tr> <tr><td>L</td><td>25° 14.485'N</td><td>81° 33.317'E</td></tr> <tr><td>M</td><td>25° 14.767'N</td><td>81° 33.281'E</td></tr> </tbody> </table>	Pillars	Latitude (N)	Longitude (E)	A	25° 14.886'N	81° 33.215'E	B	25° 14.916'N	81° 33.286'E	C	25° 14.550'N	81° 33.560'E	D	25° 14.273'N	81° 33.210'E	E	25° 14.198'N	81° 33.361'E	F	25° 14.108'N	81° 33.243'E	G	25° 14.178'N	81° 33.037'E	H	25° 14.286'N	81° 33.145'E	I	25° 14.301'N	81° 33.196'E	J	25° 14.335'N	81° 33.205'E	K	25° 14.343'N	81° 33.224'E	L	25° 14.485'N	81° 33.317'E	M	25° 14.767'N	81° 33.281'E
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M	25° 14.767'N	81° 33.281'E																																										
14.	Total Geological Reserves	1,41,14,697 m ³																																										
15.	Total Mineable Reserves	41,09,919 m ³																																										
16.	Total Proposed Production (in five year)	9,30,000 m ³																																										
17.	Proposed Production / year	1,86,000 m ³																																										
18.	Sanctioned Period of Mine lease	30 Years																																										

19.	Method of Mining	Opencast Semi-Mechanized	
20.	No.Of workers	53 (approx.)	
21.	Type of Land	Govt. revenue land	
22.	Ultimate Depth of Mining	36 meters (average)	
23.	Nearest metalled road from site	1600m	
24.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking & Others	0.53
		Suppression of dust	3.8
		Plantation	0.30
		Others (if any)	-----
		Total	4.63
25.	Name of QCI Accredited Consultant with QCI No and period of validity.	ENVIRONMENTAL AND TECHNICAL RESEARCH CENTRE (Certificate No: NABET/EIA/2225/R 0273) Validity-02.11.2025	
26.	Any litigation pending against the project or land in any court	No	
27.	Details of 500 m Cluster certificate Verified by Mining Officer	DMO (Khanan Anubhag) Chitrakoot vide Letter No. 1651/ Khanij/2023-24, dated 28.04.2023.	
28.	Details of Lease Area in approved DSR	Page No.- 02, Sr. No.- 01 with correction letter no.- 75/khanij/ 2020-21 dated- 12.05.2021	
29.	Proposed CER cost	6.37 Lakh	
30.	Proposed EMP cost	EMP in First Year – 29.84 Lakh EMP (Recurring Years) – 10.81 Lakh	
31.	Length and breadth of Haul Road.	Length- 1600m, Width- more than 6.0 m	
32.	No. of Trees to be Planted	250	

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 16/09/2023 mentioning is as follows:

1. I, Shalini Gupta, D/o Shri O.P. Gupta is EIA Coordinator of Environmental and Technical Research Centre.
2. I have prepared ToR Application (Form 1, PFR and proposed TOR) for the proposal (TOR) of proposed “Silica Sand Mining Project at Khasra/Gata No.- 1428 का भाग, 1429 का भाग, 1431 का भाग, 1432 का भाग, 1433 का भाग, 1434 का भाग, 1435 का भाग, 1438 का भाग, 1391 का भाग, 1389 का भाग, 1388 का भाग, 1387 का भाग, 1386 का भाग, 1385 का भाग, 1390 का भाग, Khand No. 04,Village – Pardawan, Tehsil: Mau, District: Chitrakoot, Shri Suresh Tyagi, M/s Gold Plus Glass Industry Limited, (Leased Area: 37.20 Ha) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required for ToR Application preparations are true and correct.
5. I certify that this project has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

7. The ToR Application (Form 1, PFR and proposed TOR) 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 should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
2. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
3. EIA coordinator & FAE should give a notarized affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
4. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
5. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
6. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
7. Combined KML of all mines in a cluster should be submitted at the time of EIA.
8. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
9. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation, if applicable.
10. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
11. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
12. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
13. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
14. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
15. Proponent/consultant shall conduct monitoring as per the CPCB guidelines and submit a photograph of monitoring in the presence of PP at the time of EIA presentation.
16. Project proponent/consultant shall submit site photographs of the project site. The project site should be demarcated with the pillar showing the workable and non-workable area along with the geo-coordinates and also clarify that approved mined minerals as per LOI is available in the workable area. Details should be provided at the time of EIA presentation.

6. **Building stone Sand Stone Mine at Gata No.- 485, Sl. No.- 19, Village- Patti Kalan, Tehsil-Chunar, District- Mirzapur, Smt Pooja Singh, Area -2.023 ha, 8174/SIA/UP/MIN/441957/2023**

RESOLUTION AGAINST AGENDA NO. 06

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

7. **"Building Stone (Khanda, Gitti & Boulder) Mining" Project at Khasra No.-115, Khand No.- 04, Village- Habupura, Tehsil-Garautha, District-Jhansi, Shri Sushil Kumar Gupta, Area - 2.023 ha., 8176/6446/SIA/UP/MIN/442003/2023**

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

1. The environmental clearance is sought for "Building Stone (Khanda, Gitti & Boulder)Mining" Project at Khasra No.-115, Khand No.- 04, Village- Habupura, Tehsil-Garautha, District-Jhansi, U.P., (Leased Area -2.023 ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 228/Parya/SEIAA/6446/2022, dated 28/10/2022.
3. The Public Hearing was organized on 21/05/2023. Final EIA Report was submitted by the Project Proponent on 26/08/2023.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/442003/2023		
2.	File No.allotted by SEIAA,UP	8176-6446		
3.	Name of Proponent	M/s Sushil Stone Industry. Smt. Aneeta Gupta (prop.) W/o Shri Sushil kumar Gupta		
4.	Registered Address	R/O-A.M. 2/14, VEERANGANA NAGAR, M.L. B. MEDICAL COLLEGE, TEHSIL & DISTRICT-JHANSI (U.P).		
5.	Full correspondence address of proponent and mobile no.	R/O-A.M. 2/14, VEERANGANA NAGAR, M.L. B. MEDICAL COLLEGE, TEHSIL & DISTRICT-JHANSI (U.P).		
		Mobile No.-		
		E-mail ID-		
6.	Name of Project	Habupura Khanda Gitti Boulder(Building Stone) mining Project		
7.	Project Location (Plot.Khasra/Gata No.)	115 (Khand No. 04),		
8.	Name of Village	Habupura		
9.	Tehsil	Garautha		
10.	District	Jhansi		
11.	State	Uttar Pradesh		
12.	Name of Minor Mineral	Khanda Gitti Boulder(Building Stone)		
13.	Sanctioned Lease Area (in Ha.)	2.0230 Hectares		
14.	Max. & Min mRL within lease area	Highest is 201.1 mRL North East & Lowest is 187.2mRL South west.		
15.	Pillar Coordinates (Verified by DMO)	Pillar No.	N	E

		A	25°35'12.16"N	79°13'36.38"E	
		B	25°35'7.85"N	79°13'34.03"E	
		C	25°35'6.02"N	79°13'31.05"E	
		D	25°35'3.77"N	79°13'33.07"E	
		E	25°35'10.00"N	79°13'39.54"E	
16.	Mine Plan approval details	Letter No.- 2021/6/15/80381 Dated- 18/06/2021			
17.	Validity of Mine Plan	5 Years			
18.	Total geological reserves	341348 M ³			
19.	Total mineable reserves	304524 M ³			
20.	Total Proposed Production (In 5 Years)	303450 M ³			
21.	Total Proposed Production/Year	60690M ³ /Year (according to as per LOI).			
22.	Sanctioned Period of Mine lease	20 years			
23.	Method of Mining	Opencast, Semi mechanized Method			
24.	No. of workers	45 Workers			
25.	Type of Land	Waste govt. land			
26.	Ultimate Depth of Mining	24 m			
27.	Water Requirement		Purpose	Detail	Avg. Demand/Day
		Portable Tanker	Drinking@15 lpcd/worker	45 workers x 15 lpcd = 675 lpcd	0.675 KLD
			Mine operation/others	-	2.0 KLD
			Land reclamation / plantation @2 Lit/Tree	50Trees x 5 lpcd = 250 lpcd	0.250KLD
			Dust suppression @2Lit/Sq.m (Twice in a day)	Haul Road Area = (100 m Length x 6m Width = 600 m2) x2lpcd/Sq.m = 1200 lpcd	1.2 KLD
		Total			4.125 KLD
28.	Name of QCI Accredited Consultant with QCI No and period of validity	M/s Earthvision India Associate Consultant, NABET/EIA/2124/IA 0077 Valid till 24-02-2024			
29.	Any litigation pending against the project or land in any court	No			
30.	Details of 500 m Cluster certificate & Map Verified by Mining Officer	Letter No219 /30mmc/(2021-2022), Dated 10-06-2021			
31.	Proposed CER cost	Rs. 4.205 Lakhs			
32.	Proposed EMP cost	Rs. 9.35Lakhs			
33.	No. of Trees to be Planted.	2000			
34.	Detail of CTE/CTO issued by UPPCB	NA			

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

The consultant (EIA Coordinator) also submitted an affidavit dated 15/09/2023 mentioning is

as follows:

1. I Brij Mohan Singh Negi S/o K.S. Negi is EIA Coordinator of Earthvision India Associate Consultants, Lucknow.
2. I have prepared EIA/EMP report for the Proposal EC in Name of "Building Stone (Khand, Gitti & Boulder)Mining" Project at Khasra No.-115, Khand No.- 04, Village- Habupura, Tehsil- Garautha, District-Jhansi, U.P., (Leased Area -2.023 ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining/construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied that all the necessary data/ information submitted along with 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. 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-1 to these minutes. The committee also stipulated the following specific conditions:

1. Project proponent has committed to plant 1000 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 1000 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
2. The project proponent shall install solar light in their site office.
3. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
4. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
5. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
6. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate

- (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
10. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
 11. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
 12. The project proponent should explore the possibilities of rainwater harvesting.
 13. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
 14. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
 15. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the Forest Department, UPPCB and Directorate of Environment, UP.

8. “Ordinary Sand Mining” Project at Gata No.- 620, 634, Village- Sankraudh Khadar, Tehsil- Khekda, District- Baghpat, Shri Dharmi Chand Sharma, M/s Smart Mart Stores Pvt. Ltd., Area : 7.0 ha., 8178/7685/SIA/UP/MIN/442023/2023

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

1. The environmental clearance is sought for “Ordinary Sand Mining” Project at Gata No.- 620, 634, Village- Sankraudh Khadar, Tehsil- Khekda, District- Baghpat, U.P. (Leased Area : 7.0 ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 78/Parya/SEIAA/7685/2022, dated: 09/06/2023.
3. The Public Hearing was organized on 16/8/2023 Final EIA report submitted by the project proponent on 27/08/2023.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/442023/2023															
2.	File No. allotted by SEIAA, UP	8178 / 7685															
3.	Name of Proponent	Smart Mart Stores Private Limited Shri Dharmi Chand Sharma S/O Shri Shyamlal Sharma															
4.	Full correspondence address of proponent and mobile no.	Add.- A-1/1, Hardev Puri 100 Ft. Road, Nathu Colony Chowk, Shahdara, New Delhi, 110032															
5.	Name of Project	Ordinary Sand Mining Project															
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 620, 634															
7.	Name of River	Yamuna															
8.	Name of Village	Sankraudh Khadar															
9.	Tehsil	Khekda															
10.	District	Baghpat															
11.	Name of Minor Mineral	Ordinary Sand															
12.	Sanctioned Lease Area (in Ha.)	7.0 ha.															
13.	Max.&Minmrl within lease area	213.0 mRL- 211.0 mRL															
14.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillars</th><th>Latitude (N)</th><th>Longitude (E)</th></tr> </thead> <tbody> <tr> <td>A</td><td>28°51'26.23"N</td><td>77°12'38.43"E</td></tr> <tr> <td>B</td><td>28°51'03.67"N</td><td>77°12'44.87"E</td></tr> <tr> <td>C</td><td>28°51'03.05"N</td><td>77°12'42.75"E</td></tr> <tr> <td>D</td><td>28°51'24.53"N</td><td>77°12'33.69"E</td></tr> </tbody> </table>	Pillars	Latitude (N)	Longitude (E)	A	28°51'26.23"N	77°12'38.43"E	B	28°51'03.67"N	77°12'44.87"E	C	28°51'03.05"N	77°12'42.75"E	D	28°51'24.53"N	77°12'33.69"E
Pillars	Latitude (N)	Longitude (E)															
A	28°51'26.23"N	77°12'38.43"E															
B	28°51'03.67"N	77°12'44.87"E															
C	28°51'03.05"N	77°12'42.75"E															
D	28°51'24.53"N	77°12'33.69"E															
15.	Total Geological Reserves	238000 m ³															
16.	Total Mineable Reserves	142800 m ³															
17.	Total Proposed Production (in six month)	14000 m ³															
18.	Sanctioned Period of Mine lease	Six Month															

19.	Method of Mining	Opencast Semi-Mechanized	
20.	No.Of workers	32 (average)	
21.	Type of Land	River Bed Govt. Land	
22.	Ultimate Depth of Mining	2.30 meter (average)	
23.	Nearest metalled road from site	1.50 km	
24.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking& Others	0.50
		Suppression of dust	4.50
		Plantation	3.50
		Others(if any)	-----
		Total	8.50
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, Bagpat vide Letter No. 431/Kha.Li./2022-23 Dated 09, February 2023	
28.	Details of Lease Area in approved DSR	DSR Letter 1426/M-228/2017(Khanan Niti)-D.S.R. dated 05.01.2023	
29.	Proposed CER cost	1.25 Lakh	
30.	Proposed EMP cost	EMP in First Year - 23.65 Lakh EMP (Recurring Years) – 6.00 Lakh	
31.	Length and breadth of Haul Road.	Length- 1.50 km, Width- more than 6.0 m	
32.	No. of Trees to be Planted	7000	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 25/08/2023 mentioning is as follows:

1. I, Pankaj Srivastava, S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I have prepared EIA report for EC in the name of Smart Mart Stores Private Limited, Pro.- Shri Dharmi Chand Sharma S/O Shri Shyamlal Sharma & Shri Indra Chand Sharma S/O Shri Bhoormal Sharma for the “Ordinary Sand Mining” Project at Gata No.- 620, 634, Village-Sankraudh Khadar, Tehsil- Khekda, District- Baghpat, U.P. (Leased Area : 7.0 ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with EIA are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which will be submitted after acceptance of application.
7. I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report.
8. The EIA report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 08

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

1. Project proponent should submit the drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates before starting the mining process.
2. Directorate of Geology and Mining will ensure conduct of replenishment study from reputed institution for subsequent years in compliance of Hon'ble NGT orders. The quantity mentioned in LoI or quantity mentioned in replenishment study, whichever is less, would be maximum quantity which project proponent may extract. It will be ensured by District Administration and Geology and Mining Department.
3. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be obtained before start of mining activity.
4. Project proponent has committed to plant 1000 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 1000 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
5. The project proponent shall install solar light in their site office.
6. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
7. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
8. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
9. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
10. The project proponent should explore the possibilities of rainwater harvesting.
11. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
12. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
13. As per the proposed plan, plantation with area specific plant species, number of plants to be planted and report of green belt development to be submitted to the concerning department
14. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ water supplying agencies to be submitted.
15. Submit the Hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

9. "River Bed Ordinary Sand Mining" along river bed of Yamuna at Khand No.- 3, at Village – Bhilor, Tehsil- Bara, District- Prayagraj, Ravi Shankar Shukla, Area- 8.00 ha., 7782/SIA/UP/MIN/426009/2023

The project proponent/consultant informed the committee that the matter was earlier listed in 748th SEAC meeting dated 12/05/2023 wherein:

"During the presentation the project proponent informed that the environmental clearance for the above mining lease area was issued by SEIAA, U.P. vide letter no. 54/parya/SEAC/4012/2018, dated 07/05/2018. The above lease was cancelled by District Magistrate, Prayagraj vide letter no. 1816/khanij/2019-20, dated 27/01/2020 dt. 27/01/2020 and new LoI was issued in favour of Shri Ravi Shankar shukla, vide letter no. 906/khanij/2020-21, dated 11/08/2020. SEIAA, UP transfer the

environmental clearance letter dated 07/05/2018 to Ravi Shankar Shukla, S/o Shri Parmanand Shukla vide letter no. 403/Parya/SEIAA/4012/2020, dated 15/10/2020 for the remaining period i.e. 06/05/2023. Therefore project proponent submitted fresh TOR application for the remaining lease period.

During the presentation the SEAC observed that the quantity in mining plan and letter of intent (LoI) has been mentioned as 1,60,000 m³/annum. However, in replenishment study report provided by DGM vide letter no. 1686/M-NGTvaad/2021, dated 10/02/2023 the quantity has been given as follows:

Village	Gata No./ Khand No	Area (Ha.)	Replenished Quantity (Cum) in Mine lease	Resource Quantity in mine lease (pre monsoon) (Cum)	Total Quantity (Cum)
Bhilor	Khand no. 3	8.0	77,907	62,660	1,40,567

The SEAC discussed the matter and advised the project proponent/consultant to revise the LoI and mining plan in the light of quantity mentioned in replenishment study report provided by Geology and Mining Department.”

The project proponent submit the letter dated 08/06/2023 issued by Senior Mines Officer, Prayagraj wherein:

“अवगत कराना है कि जनपद प्रयागराज में तहसील बारा के अन्तर्गत यमुना नदी स्थित खण्ड संख्या-03 ग्राम-भिलोर, क्षेत्रफल-8.00 हे० हेतु राज्य स्तरीय पर्यावरण संघात निर्धारण प्राधिकरण द्वारा जारी पर्यावरण स्वच्छता प्रमाण पत्र संख्या-403/पर्या/सिया/4012/2020, दिनांक 12-10-2020 जिसमें साधारण बालू की खनन योग्य वार्षिक मात्रा 1,60,000 घनमीटर के आधार पर प्रश्नगत खनन क्षेत्र का दिनांक 15-02-2021 से 14-02-2026 तक पांच वर्ष की आगामी अवधि के लिए खनन पट्टा स्वीकृत/निष्पादित कराया गया है।

प्रश्नगत खनन हेतु जारी Final Scientific Sand replenishment Study-Prayagraj में उपलब्ध उपखनिज की मात्रा 1,40,567 घनमीटर बतायी गयी है।

अतः पट्टाधारक श्री रविशंकर शुक्ला द्वारा प्रस्तुत प्रार्थना पत्र दिनांक 22-05-2023 समस्त संलग्नकों सहित पत्र के साथ संलग्न करते हुये आपसे अनुरोध है कि उपरोक्त तथ्यों के आलोक में प्रश्नगत प्रकरण में नियमानुसार अग्रेत्तर कार्यवाही करने का कष्ट करें।”

Project proponent also submit revised mining plan dated 03/07/2023 approved DGM, U.P. with mining quantity 1,40,567 m³/annum. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and development. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Ordinary Sand Mining” along river bed of Yamuna at Khand No. 3 at Village – Bhilor, Tehsil- Bara, District- Prayagraj, Uttar Pradesh, (Leased Area : 8.0 ha).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/ 426009/2023
2.	File No. allotted by SEIAA, UP	7782
3.	Name of Proponent	Ravi Shankar Shukla S/o Shri Parmanand Shukla
4.	Full correspondence address of proponent and mobile no.	R/o-Saraykaji Kadan urf Miyapur Thana - Line Bazar, District – Jaunpur U.P. Mobile no. – E mail ID - ravisandald2023@gmail.com
5.	Name of Project	Environment clearance of proposed “river bed ordinary sand mining” along river bed of Yamuna at Khand No. 3, at Village – Bhilor, Tehsil- Bara, District- Prayagraj, Uttar

		Pradesh of Ravi Shankar Shukla.																		
6.	Project Location (Plot. Khasra/Gata No.)	Khand No. 3																		
7.	Name of River	Yamuna																		
8.	Name of Village	Bhilor																		
9.	Tehsil	Bara																		
10.	District	Prayagraj																		
11.	Name of Minor Mineral	“ordinary sand mining”																		
12.	Sanctioned Lease Area (in Ha.)	8.00 ha																		
13.	Max. & Min mRL within lease area	Highest mRL – 76.50 mRL Lowest mRL- 74.00 mRL Water level – 72.00 mRL																		
14.	Pillar Coordinates (Verified by DMO)		<table><tr><td>Point</td><td>Latitude N</td><td>Longitude E</td></tr><tr><td>A</td><td>25° 18.737’</td><td>81°34.770’</td></tr><tr><td>B</td><td>25° 18.863</td><td>81°34.712’</td></tr><tr><td>C</td><td>25° 18.712’</td><td>81°34.547’</td></tr><tr><td>D</td><td>25° 18.584’</td><td>81°34.595’</td></tr></table>	Point	Latitude N	Longitude E	A	25° 18.737’	81°34.770’	B	25° 18.863	81°34.712’	C	25° 18.712’	81°34.547’	D	25° 18.584’	81°34.595’		
Point	Latitude N	Longitude E																		
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B	25° 18.863	81°34.712’																		
C	25° 18.712’	81°34.547’																		
D	25° 18.584’	81°34.595’																		
15.	Total Geological Reserves	2,40,000 m ³																		
16.	Total Mineable Reserve	1,40,567 m ³																		
17.	Total Proposed Production	4,21,701 m ³ (to 14/02/2026) as per modified mine plan																		
18.	Proposed Production /year	1,40,567 m ³ (as per SMO, Prayagraj letter - 674/khanij/2023-24 on dt 08/06/2023)																		
19.	Sanctioned Period of Mine lease	plan period – 32 months up to 14/02/2026 (as per modified approved mine plan)																		
20.	Method of Mining	Opencast semi - mechanized																		
21.	No. of worker	61																		
22.	Type of Land	Govt./Non Forest Land																		
23.	Ultimate Depth of Mining	3.0 m																		
24.	Nearest metalled road from site	0.50 km																		
25.	Water Requirement	<table><tr><td colspan="2">PURPOSE</td></tr><tr><td>Drinking</td><td>- 0.61 KLD</td></tr><tr><td>Suppression of dust</td><td>- 6.00 KLD</td></tr><tr><td>Plantation</td><td>- 0.80 KLD</td></tr><tr><td>Others (if any)</td><td>- 0.00 KLD</td></tr><tr><td>Total</td><td>~ 7.50 KLD</td></tr></table>			PURPOSE		Drinking	- 0.61 KLD	Suppression of dust	- 6.00 KLD	Plantation	- 0.80 KLD	Others (if any)	- 0.00 KLD	Total	~ 7.50 KLD				
PURPOSE																				
Drinking	- 0.61 KLD																			
Suppression of dust	- 6.00 KLD																			
Plantation	- 0.80 KLD																			
Others (if any)	- 0.00 KLD																			
Total	~ 7.50 KLD																			
26.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124 RA 0224, Valid till –01 May 2024																		
27.	Any litigation pending against the project or land in any court	No																		
28.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 31/kjhanij/2022-23 dated - 10/04/2023																		
29.	Details of Lease Area in approved DSR	Sr. no. 03 on page 55																		
30.	Project Cost	95.00 Lacs																		
31.	Proposed CER cost	1.90 lacs																		
32.	Length and breadth of Haul Road	Length – 0.50 km, Breadth – 6.00 m																		
33.	No. of Trees to be Planted	800 (proposed)																		

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 12/09/2023 mentioning is as follows:

1. I Dr. Surendra Vikram Ghavri S/o Shri Pratap Kumar is EIA Coordinator of Paramarsh servicing Environment and Development.
2. I have prepared ToR Application for the Terms of reference for environment clearance of proposed “river bed ordinary sand mining” having lease area- 8.00 ha. along river bed of Yamuna at Khand No. 3, at Village – Bhilor, Tehsil- Bara, District- Allahabad, Uttar Pradesh of Ravi Shankar Shukla., Proposal number: SIA/UP/MIN/426009/2023 with my team.
3. I have personally visited the proposed site along with team and certify that no Mining/construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required for EIA/EMP preparations are true and correct.
5. I certify that this project has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
7. The ToR Application 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. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
2. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
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. 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.
 17. Project proponent/consultant shall submit site photographs of the project site. The project site should be demarcated with the pillar showing the workable and non-workable area along with the geo-coordinates and also clarify that approved mined minerals as per LOI is available in the workable area. Details should be provided at the time of EIA presentation.

10. Common Bio Medical Waste Treatment Facility (CBWTF) VRBA Bio Waste Solution Pvt. Ltd. at E-46, Industrial area, Ramnagar, Phase-1, District- Chandauli, Uttar Pradesh, M/s VRBA Bio Waste Solution Pvt. Ltd., 7624/7222/SIA/UP/INFRA2/417371/2023

The Secretariat informed the committee that the matter was earlier discussed in SEAC meetings dated 14/03/2023 & 27/06/2023 and directed the project proponent to submit following information:

1. Gap analysis report from UP Pollution Control Board, Lucknow.
2. Certificate/Letter from Chief Medical Officer, Chandauli regarding requirement of Common Biomedical Waste Treatment Facility.
3. The committee also gone through the compliant letter dated 11/03/2023 of Shri Hari Om Sharan Dwivedi, Director, M/s Sangam Mediserve Pvt. Ltd. and opined that the aforesaid letter is being shared with project proponent with the direction to submit point wise reply on the issues raised in above letters.

The project proponent submitted their replies through online Parivesh Portal on 03/06/2023 & 04/09/2023 and the matter were listed in 788th SEAC meeting dated 19/09/2023. The project proponent submit the letter dated 20/05/2023 issued by CMO, Chandauli regarding requirement of CBWTF in the district and point wise reply on compliant letter dated 11/03/2023 of Shri Hari Om Sharan Dwivedi, Director, M/s Sangam Mediserve Pvt. Ltd.

The project proponent submitted a letter dated 01/07/2023 to UPPCB for providing the information under RTI Act, 2005 and UPPCB provide the information vide letter dated 01/07/2023 and the same letter has been submitted by the project proponent during the SEAC meeting. UPPCB in its letter dated 01/07/2023 mentioned is as follows:

“...सन्दर्भित सी0बी0डब्ल्यू0टी0एफ0 के प्रस्तावित स्थल के निकटवर्ती जनपदों के संबंध में कार्यालय अभिलेखों में उपलब्ध सूचना के अनुसार चिकित्सालयों में उपलब्ध बेड्स की संख्या निम्नवत् है:-

जनपद का नाम	चिकित्सालयों में उपलब्ध बेड्स की संख्या	बेड्स के सापेक्ष आंकलित जैव चिकित्सा अपशिष्ट की मात्रा (कि०ग्रा०/दिन)
वाराणसी	18521	4630.25
चन्दौली	4477	1119.25
योग	22998	5749.5

अवगत कराना है कि सन्दर्भित सी0बी0डब्ल्यू0टी0एफ0 के प्रस्तावित स्थल से 75 किमी0 रेडियल दूरी के भीतर सी0बी0डब्ल्यू0टी0एफ0 मेसर्स सी0पी0सी0 पावर इण्डिया प्रा0 लि0, वाराणसी कार्यरत है तथा उक्त सी0बी0डब्ल्यू0टी0एफ0 में इन्सीनिरेटर क्षमता 150 कि0ग्रा0/घण्टा है।

अतः यह मान लिया जाये कि सी0बी0डब्ल्यू0टी0एफ0 में इन्सीनिरेटर का संचालन 12 घण्टा/दिन होता है, प्रति बेड जैव चिकित्सा अपशिष्ट 250 ग्राम/दिन जनित होता है एवं जनित जैव चिकित्सा अपशिष्ट का 80 प्रतिशत भाग इन्सीनिरेबिल अपशिष्ट में आता है तो उस दशा में कुल जनित अपशिष्ट यथा 5749.5 कि0ग्रा0/दिन में इन्सीनिरेबिल अपशिष्ट 4599.6 कि0ग्रा0/दिन हेतु उपरोक्त वर्णित सी0बी0डब्ल्यू0टी0एफ0 द्वारा अधिकतम 1800 कि0ग्रा0/दिन इन्सीनिरेबिल अपशिष्ट का निस्तारण किया जा सकता है तथा जनित अपशिष्ट यथा 2799.6 कि0ग्रा0/दिन के निस्तारण हेतु अतिरिक्त सी0बी0डब्ल्यू0टी0एफ0 की आवश्यकता होगी।”

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 Environment Management Division of M/s India Glycols Limited, Kashipur. 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 Common Biomedical Waste Treatment Facility at Khasra No.- E-46, Industrial Area, Ramnagar, Phase-1, Chandauli, Uttar Pradesh, M/s VRBA Bio Waste Solution Pvt. Ltd.
2. Standard terms of reference in the matter were issued through online Parivesh Portal on 24/08/2022 and EIA report submitted on 08/02/2023.
- 3.
4. Salient features of the project as submitted by the project proponent:

S.No.	Parameters	Description																		
1.	Identification of Project	The Proposed project of CBWTF falls under Category B-1, schedule 7(da) as per the EIA Notification 14th Sep, 2006 and subsequent amendments dated 1st December, 2009 & 17th April, 2015.																		
2.	Project Proponent	M/s VRBA Bio Waste Solution Pvt. Ltd.																		
3.	Brief description of nature of the project	Biomedical waste is generated from all health care institutions; nursing homes, clinics, dispensaries, veterinary institutions, animal houses, pathological laboratories, blood banks etc. The responsibility of collection, treatment and safe disposal of all types of solid wastes rests with the generator. A Common Bio-medical Waste Treatment Facility (CBWTF) is proposed to be set up where bio-medical waste, generated from a number of healthcare units, will be suitably treated as per the prescribed procedure & norms laid down in the regulation. Proposed project of setting up of the Common Bio- medical Waste Treatment Facility includes Incinerator, Autoclave, Shredder and Effluent Treatment Plant.																		
5.	Proposed plant capacity	Proposed Capacity of CBWTF: <table border="1"> <tr> <th>Equipment</th><th>Capacity</th><th>Number</th></tr> <tr> <td>Incinerator</td><td>300 kg/hr</td><td>1</td></tr> <tr> <td>Autoclave</td><td>1000 Litre/Batch</td><td>1</td></tr> <tr> <td>Shredder</td><td>150 kg/hr</td><td>1</td></tr> <tr> <td>Chemical Disinfection Tank</td><td>1500 Ltr</td><td>1</td></tr> <tr> <td>Effluent Treatment Plant</td><td>10 KLD</td><td>1</td></tr> </table>	Equipment	Capacity	Number	Incinerator	300 kg/hr	1	Autoclave	1000 Litre/Batch	1	Shredder	150 kg/hr	1	Chemical Disinfection Tank	1500 Ltr	1	Effluent Treatment Plant	10 KLD	1
Equipment	Capacity	Number																		
Incinerator	300 kg/hr	1																		
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Chemical Disinfection Tank	1500 Ltr	1																		
Effluent Treatment Plant	10 KLD	1																		
6.	Category of Projects	Category “B1” and Schedule- 7(da)																		
7.	Number of working days	365																		
8.	Total Plot Area	0.553 acres																		

9.	Khasra Number	E-46 & Khasra no. 148/5
10.	Location	E-46, Industrial area, Ramnagar, Phase-1, Chandauli, Uttar Pradesh & Khasra no. 148/5, Singhitali Ramnagar, Industrial Estate, Phase-2, Chandauli.
11.	Coordinates of the Plant	1. 25°14'51.96"N 83° 3'34.33"E 2. 25°14'51.66"N 83° 3'35.31"E 3. 25°14'50.22"N 83° 3'34.70"E 4. 25°14'50.14"N 83° 3'33.53"E
12.	Elevation	78m-80 m
13.	Nearest habituated area	Hamidpur, Approx. 1.09 km towards West
14.	Nearest Main Public Road	SH-19 is about Approx. 0.57 Km towards North.
15.	Nearest Railway station/Airport	Jeonathpur Railway Station, approx. 1.68 km in SSE direction. Pt. Deen Dayal Upadhyaya Railway Station, approx. 7.22 km in NNE direction Lal Bahadur Shastri International Airport, approx. 30.15 km in North West direction
16.	Nearest water body	Ganga River, approx. 2.99 km in West direction
17.	Water requirement	Water requirement for the proposed CBWTF project is 11 KLD. Fresh- 7.10 KLD Recycled- 3.90 KLD
18.	Source of water	Ground water Supply (Water will be abstracted only after getting NOC from CGWA).
19.	Wastewater Generation	Waste water generated from the treatment of Biomedical waste during autoclaving, washing of floors, and domestic purpose etc. is 5.25 KLD and it shall be treated in effluent treatment plant and reuse in process
20.	Man Power	During Construction phase, the labors and workers will be hired from nearby villages. Total 20 persons are proposed to hire for plant operation including officers, skilled and unskilled workers.
21.	Air Pollution Control Device	Wet Scrubber, Cyclone and Bag Filter
22.	Nos. of Stack	2
23.	Power requirement	DG Set of 82.5 KVA is proposed for the project and lines will be taken from the authorized electricity board. ~ 1% of the total power load will meet through solar energy.
24.	Alternative site	No Alternative site is examined
25.	Land form, Land use and land ownership	The land for project is E-46, Industrial area, Ramnagar, Phase-1, Chandauli, Uttar Pradesh.
26.	Conclusion T	The estimated cost of the Project is Rs. 2.80 Cr.

5. Water calculation details:

S. No.	Requirement for	Water Consumption	Process Losses	Waste water generation	ETP losses	Recycled/ Reuse
A.	Process (Scrubbing)	2.40	1.40	1.00	0.20	0.80
B.	Steam Generation (Autoclaving)	0.20	0.05	0.15	0.05	0.10
C.	Miscellaneous i.e., Floor washing, Vehicle washing etc.	3.80	0.20	3.60	0.60	3.0
D.	Domestic Purpose	0.60	0.10	0.50	0.00	0.00
E.	Green Belt	4.0	4.0	0.00	0.00	0.00
Total (KL/Day)		11.0 7.10 (Fresh) + 3.90 (Recycle)	5.75	5.25	0.85	3.90

- Waste water (4.75 KLD) is being generated from the Industrial Process will be subjected to Proposed ETP (Capacity- 10.0 KLD). Treated water from (3.90 KLD) will be reused in scrubber for cooling purpose and green belt purpose.

- The entire system shall be a zero discharge system in terms of wastewater discharge from the process as recirculated through ETP.
- Domestic Wastewater shall be treated in a soak pit/septic tank.

6. Solid waste details:

Total No. of Employees	20
Assuming per capita solid waste generation rate as 0.2 kg/capita/day	
Quantity of solid waste generated	4.0 kg/day
Organic solid waste: 60 % of the total waste	2.40 kg/day
Inorganic solid waste : 40 % of the total waste	1.60 kg/day
Disposal of domestic solid waste	Domestic wastes are segregated at source, collected in bins and composted.

7. Hazardous waste details:

Sl. No.	Source	Quantity of hazardous waste Generated (Approx.)	Category according to Schedule I of hazardous waste	Treatment/ Disposal
1.	Spent Oil from DG set	5.0 MTPA	5.1	Handed over to authorized recyclers/re-processors
2.	Discarded Containers /Barrels	100 Nos./Annum	33.1	Handed over to authorized recyclers/re-processors
3.	Sludge from Wet Scrubbers	1.0 MTPA	37.1	Send to TSDF / Co processing industries.
4.	Ash from incinerator and flue gas cleaning residue	5.0 MTPA	37.2	Send to TSDF / Co processing industries.

8. There is no any litigation pending against project till dated 19/09/2023.

9. The project proposal falls under category-7(da) of EIA Notification, 2006 (as amended thereof).

The consultant (EIA Coordinator) also submitted an affidavit dated 13/03/2023 mentioning is as follows:

1. I, Muzaffar Ahmad, S/o Shri S.Iqbal Ahmad is EIA Coordinator of M/s Environment Management Division of M/s India Glycols Limited, Kashipur.
2. I have prepared the EIA/EMP report for the proposal (TOR/EC) in Name of VRBA Bio Waste Solution Pvt. Ltd. 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 expansion of 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 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-10

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

Additional Conditions:

1. Proposed CBWTF shall comply with the revised guidelines (location criteria) for Common Bio-medical Waste Treatment and Disposal Facilities issued by CPCB on December 21st 2016 with respect to establishment of new CBWTF.
2. In compliance with the 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.
3. Proponent shall comply with the action plan for CSR submitted by PP at the time of EIA presentation. Compliance report of investment under CSR to be submitted regularly to the Directorate, UPPCB and District Administration.
4. The project proponent should develop green belt in the premises of CBWTF unit as per the plan submitted. PP shall also follow the guidelines of CPCB/UPPCB/Development authority for green belt as per the norms.
5. Proposed CBWTF shall comply with the guidelines for Bio-medical Waste Treatment and Disposal, transportation & storage facilities etc. issued by CPCB from time to time.

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

- I. Statutory compliance:
 1. The project proponent shall obtain forest clearance under the provisions of the Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
 2. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 3. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and be 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)
 4. The project proponent shall obtain Consent to establish/Operate under the provisions of the Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
 5. Transportation and handling of Bio-medical Wastes shall be as per the Biomedical Wastes (Management and Handling) Rules, 20016 including section 129 to137 of Central Motor Vehicle Rules1989.
 6. The project shall fulfill all the provisions of hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2016 including collection and transportation design etc and also guidelines for Common Hazardous Waste Incineration — 2005, issued by CPCB Guidelines of CPCB/MPPCB for Bio-medical Waste Common Hazardous Wastes incinerators shall be followed.
 7. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
 8. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.

9. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities
- II. Air quality monitoring and preservation:
 1. The project proponent shall install an emission monitoring system including Dioxin and furans in monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online serves and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
 2. Periodical air quality monitoring in and around the site including VOC, HC shall be carried out.
 3. Incineration plants shall be operated (combustion chambers) with such temperature, retention time and turbulence, to achieve Total Organic Carbon (TOC) content in the slag and bottom ashes less than 3% or their loss on ignition is less than 5% of the dry weight of the material.
 4. Venture scrubber (alkaline) should be provided with the incinerator with stack of adequate height (Minimum 30 meters) to control particulate emission within 50 mg/Nm³.
 5. Appropriate Air Pollution Control (APC) system shall be provided for fugitive dust from all vulnerable sources, so as to comply with prescribed standards. All necessary air pollution control devices (quenching, Venturi scrubber, mist eliminator) should be provided for compliance with emission standards.
 6. Masking agents should be used for odour control.
- III. Water quality monitoring and preservation:
 1. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
 2. Waste water generated from the facility shall be treated in the ETP and treated waste water shall be reused in the APCD connected to the incinerator. The water quality of treated effluent shall meet the norms prescribed by State Pollution Control Board. Zero discharge should be maintained.
 3. Process effluent/any waste water should not be allowed to mix with storm water.
 4. Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from the competent authority shall be obtained for use of fresh water.
 5. A sewage Treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused within the project.
 6. A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point should be obtained.
 7. The leachate from the facility shall be collected and treated to meet the prescribed standards before disposal.
 8. Magnetic flow meters shall be provided at the inlet and outlet of the ETP & all ground water abstraction points and records for the same shall be maintained regularly.
 9. Rain water runoff from the hazardous waste storage area shall be collected and treated in the effluent treatment plant.
- IV. Noise monitoring and prevention:
 1. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during daytime and 70 dB(A) during night-time.
- V. Energy Conservation measures:

1. Provide solar power generation on roof tops of buildings, for the solar light system for all common areas, street lights, parking around the project area and maintain the same regularly;
 2. Provide LED lights in their offices and residential areas
- VI. Waste management:
1. Incinerated ash shall be disposed of at approved TSDF and MoU made in this regard shall be submitted to the Ministry prior to the commencement.
 2. The solid wastes shall be segregated as per the norms of the Solid Waste Management Rules, 2016.
 3. A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from the project.
 4. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016
 5. No landfill site is allowed within the CBWTF site.
 6. The Project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCB/SPCB.
- VII. Green Belt:
1. Green belt shall be developed in the area as provided in project details, with native tree 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. Public bearing and Human health issues:
1. Feeding of materials/Bio-medical waste should be mechanized and automatic no manual feeding is permitted.
 2. Proper parking facility should be provided for employees & transport used for collection & disposal of waste materials.
 3. Necessary provision shall be made for fire-fighting facilities within the complex.
 4. An emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
 5. An emergency plan shall be drawn in consultation with SPCB/CPCB and implemented in order to minimize the hazards to human health or the environment from fires, explosions or any unplanned sudden or gradual release of hazardous waste or hazardous waste constituents to air, soil or surface water.
 6. 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.
 7. Occupational health surveillance of the workers shall be done on a regular basis.
- 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.II I 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 standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders.

A copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of the 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 the responsibility matrix of the company shall be prepared and shall be duly approved by the competent authority. The year-wise funds earmarked for environmental protection measures shall be kept in a separate account and not be diverted for any other purpose. Year rise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
 5. A 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 prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed
 2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
 3. The project proponent shall upload the status of compliance with the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
 4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at the environment clearance portal.
 5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
 6. The criteria pollutant levels namely; SPM, RSPM, SP, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
 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, commitments made during Public hearings 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 the Environment (Protection) Act, 1986.
 12. The Ministry may revoke or suspend the clearance if the implementation of any of the above

conditions is not satisfactory.

13. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time-bound manner shall implement these conditions.
14. The Regional Office of this Ministry shall monitor compliance with the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information/monitoring reports.
15. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Trans boundary 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/NGT and any other Court of Law relating to the subject matter.
16. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

11. Common Bio Medical Waste Treatment Facility (CBWTF) at Gata No- 663,Village-Dhowadaber, Utraula, District-Balrampur, U.P., M/s Rajveer Ventures India Private Limited., 7990/7125/SIA/UP/INFRA2/433238/2023

The Secretariat informed the committee that the matter was earlier discussed in 769th SEAC meetings dated 27/06/2023 and directed the project proponent to submit following information:

1. Land conversion document.
2. Point wise reply of compliant letter dated 24/03/2023 of M/s Dinesh Kumar Singh Contractor.

The project proponent submitted their replies through online Parivesh Portal on 07/09/2023 and the matter were listed in 788th SEAC meeting dated 19/09/2023. The project proponent submit the land conversion document and point wise reply on compliant letter dated 24/03/2023 of M/s Dinesh Kumar Singh Contractor. The project proponent also submitted a letter dated 28/09/2023 issued by UPPCB, Lucknow. UPPCB in its letter dated 28/09/2023 mentioned is as follows:

“...सन्दर्भित सी0बी0डब्ल्यू0टी0एफ0 के प्रस्तावित स्थल के निकटवर्ती जनपदों में मुख्य चिकित्साधिकारी द्वारा उपलब्ध करायी गयी सूचना के अनुसार सरकारी एवं गैर सरकारी चिकित्सालयों में उपलब्ध बेड्स की संख्या निम्नवत् है:-

जनपद का नाम	चिकित्सालयों में उपलब्ध बेड्स की संख्या
बलरामपुर	944
बहराइच	2132
गोण्डा	2430
श्रवास्ती	534
सिद्धार्थनगर	1836
अयोध्या	5039
बस्ती	3600
योग	16515

अवगत कराना है कि सन्दर्भित सी0बी0डब्ल्यू0टी0एफ0 के प्रस्तावित स्थल से 75 किमी0 हवाई दूरी पर राज्य बोर्ड द्वारा सी0बी0डब्ल्यू0टी0एफ0 मेसर्स दिनेश कुमार कान्स्ट्रक्टर, आराजी सं0-739, बभानी तप्पा, सिद्धार्थनगर, उ0प्र0 को स्थापनार्थ सहमति निर्गत की गयी है, उक्त सी0बी0डब्ल्यू0टी0एफ0 में इन्सीनिरेटर की क्षमता 150 किग्रा0/घण्टा प्रस्तावित है। अतः यह मान लिया जाये कि सी0बी0डब्ल्यू0टी0एफ0 में इन्सीनिरेटर का संचालन 12 घण्टा प्रतिदिन होता है तो उक्त सी0बी0डब्ल्यू0टी0एफ0 द्वारा अधिकतम 9000 बेड्स से जनित जैव चिकित्सा अपशिष्ट का निस्तारण किया जा सकता है एवं शेष उपलब्ध 7515 बेड्स से जनित जैव चिकित्सा अपशिष्ट के निस्तारण हेतु अतिरिक्त सी0बी0डब्ल्यू0टी0एफ0 की अनुमति दी जा सकती है।

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 Environment Management Division of M/s India Glycols Limited, Kashipur. 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 Common Biomedical Waste Treatment Facility at Gata No-663Mi, Village-Dhowadaber, Utraula, Balrampur, Uttar Pradesh, M/s Rajveer Ventures India Private Limited.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 283/Parya/SEIAA/7125/2022, dated 30/11/2022.
3. The public hearing the matter was conducted on 28/04/2023 and final EIA report submitted through online Parivesh Portal on 17/06/2023.
4. Salient features of the project as submitted by the project proponent:

S.No.	Parameters	Description																		
1.	Identification of Project	The Proposed project of CBWTF falls under Category B-1, schedule (da) as per the EIA Notification 14th Sep, 2006 and subsequent amendments dated 1st December, 2009 & 17th April, 2015.																		
2.	Project Proponent	M/s Rajveer Ventures India Private Limited																		
3.	Brief description of nature of the project	Biomedical waste is generated from all health care institutions; nursing homes, clinics, dispensaries, veterinary institutions, animal houses, pathological laboratories, blood banks etc. The responsibility of collection, treatment and safe disposal of all types of solid wastes rests with the generator. A Common Bio-medical Waste Treatment Facility (CBWTF) is proposed to be set up where bio-medical waste, generated from a number of healthcare units, will be suitably treated as per the prescribed procedure & norms laid down in the regulation. Proposed project of setting up of the Common Bio- medical Waste Treatment Facility includes Incinerator, Autoclave, Shredder and Effluent Treatment Plant. The present proposal is to utilize 0.4050 ha land for setting up of Biomedical Waste Treatment Facility.																		
5.	Proposed plant capacity	Proposed Capacity of CBWTF: <table border="1"> <thead> <tr> <th>Equipment</th><th>Capacity</th><th>Number</th></tr> </thead> <tbody> <tr> <td>Double Chambered Incinerator</td><td>250 kg/hr</td><td>1</td></tr> <tr> <td>Autoclave</td><td>1000 liters/Batch</td><td>1</td></tr> <tr> <td>Shredder</td><td>150 kg/hr</td><td>1</td></tr> <tr> <td>Chemical Disinfection Tank</td><td>1500 Ltr</td><td>1</td></tr> <tr> <td>Effluent Treatment Plant</td><td>10 KLD</td><td>1</td></tr> </tbody> </table>	Equipment	Capacity	Number	Double Chambered Incinerator	250 kg/hr	1	Autoclave	1000 liters/Batch	1	Shredder	150 kg/hr	1	Chemical Disinfection Tank	1500 Ltr	1	Effluent Treatment Plant	10 KLD	1
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Effluent Treatment Plant	10 KLD	1																		
6.	Category of Projects	Category "B1" and Schedule- 7(da)																		
7.	Number of working days	365																		
8.	Total Plot Area	0.4050 ha																		
9.	Plot Number	Gata No.- 663 Mi																		
10.	Location	Gata No.- 663 Mi, Village- Dhowadaber, Utraula, Balrampur, Uttar Pradesh- 271604																		
11.	Latitude & Longitude	Latitude: 27°21'23.50"N Longitude: 82°19'16.32"E																		

12.	Nearest habituated area	Dhowadaber is located at 0.57 Km in WSW direction.
13.	Nearest Main Public Road	SH-26- 0.81 Km in NNE direction
14.	Nearest Railway station/Airport	Gainjahwa Railway Station- 13.23 Km in NW direction Mahayogi Gorakhpur Airport- 130 Km in SE direction
15.	Nearest water body	Rapti River, approx. 2.24 Km in NE direction. Suwawan Nadi, approx. 0.71 km in South direction
16.	Water requirement	Water requirement for the proposed CBWTF project is 11 KLD.
17.	Source of water	Water requirement will be met through ground water supply.
18.	Wastewater Generation	Waste water generated from the treatment of Biomedical waste during autoclaving, washing of floors, etc. is 5.25 KLD and it shall be treated in effluent treatment plant and reuse in process
19.	Man Power	During Construction phase, the labors and workers will be hired from nearby villages. Total 20 persons are proposed to hire for plant operation including officers, skilled and unskilled workers.
20.	Air Pollution Control Device	Venturi Scrubber & Stack
21.	Nos. of Stack	2
22.	Power requirement	Total power requirement of will be around 40 KVA. DG Set of 35.0 KVA is proposed for the project and lines will be taken from the authorized electricity board. ~ 1% of the total power load will meet through solar energy.
23.	Alternative site	No Alternative site is examined
24.	Land form, Land use and land ownership	The land for project is located in Gata No.- 663, Village-Dhowadaber, Utraula, Balrampur, Uttar Pradesh- 271604
25.	Project Cost	Rs.2.80 Cr

5. Water calculation details:

S. No.	Requirement for	Water Consumption	Process Losses	Waste water generation	ETP losses	Recycled/ Reuse
A.	Process (Scrubbing)	2.40	1.40	1.00	0.20	0.80
B.	Steam Generation (Autoclaving)	0.20	0.05	0.15	0.05	0.10
C.	Miscellaneous i.e., Floor washing, Vehicle washing etc.	3.80	0.20	3.60	0.60	3.0
D.	Domestic Purpose	0.60	0.10	0.50	0.00	0.00
E.	Green Belt	4.0	4.0	0.00	0.00	0.00
Total (KL/Day)		11.0 7.10 (Fresh) + 3.90 (Recycle)	5.75	5.25	0.85	3.90

- Waste water (4.75 KLD) is being generated from the Industrial Process will be subjected to Proposed ETP (Capacity- 10.0 KLD). Treated water from (3.90 KLD) will be reused in scrubber for cooling purpose and green belt purpose.
- The entire system shall be a zero discharge system in terms of wastewater discharge from the process as recirculated through ETP.
- Domestic Wastewater shall be treated in a soak pit/septic tank.

6. Solid waste details:

Total No. of Employees	20
Assuming per capita solid waste generation rate as 0.2 kg/capita/day	
Quantity of solid waste generated	4.0 kg/day
Organic solid waste: 60 % of the total waste	2.40 kg/day
Inorganic solid waste : 40 % of the total waste	1.60 kg/day
Disposal of domestic solid waste	Domestic wastes are segregated at source, collected in bins and composted.

7. Hazardous waste details:

Sl. No.	Source	Quantity of hazardous waste Generated (Approx.)	Category according to Schedule I of hazardous waste	Treatment/ Disposal
1.	Spent Oil from DG set	5.0 MTPA	5.1	Handed over to authorized recyclers/re-processors
2.	Discarded Containers /Barrels	100 Nos./Annum	33.1	Handed over to authorized recyclers/re-processors
3.	Sludge from Wet Scrubbers	1.0 MTPA	37.1	Send to TSDF / Co processing industries.
4.	Ash from incinerator and flue gas cleaning residue	5.0 MTPA	37.2	Send to TSDF / Co processing industries.

8. There is no any litigation pending against project till dated 19/09/2023.

9. The project proposal falls under category-7(da) of EIA Notification, 2006 (as amended thereof).

The consultant (EIA Coordinator) also submitted an affidavit dated 27/06/2023 mentioning is as follows:

1. I, Muzaffar Ahmad, S/o Shri S.Iqbal Ahmad is EIA Coordinator of M/s Environment Management Division of M/s India Glycols Limited, Kashipur.
2. I have prepared the EIA/EMP report for the proposal (EC) in Name of Common Biomedical Waste Treatment Facility at Gata No-663Mi, Village-Dhowadaber, Utraula, Balrampur, Uttar Pradesh, M/s Rajveer Ventures India 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 application EIA/EMP are true and correct.
5. I certify that expansion of 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 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-11

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

Additional Conditions:

1. Proposed CBWTF shall comply with the revised guidelines (location criteria) for Common Biomedical Waste Treatment and Disposal Facilities issued by CPCB on December 21st 2016 with respect to establishment of new CBWTF.
2. In compliance with the 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.

3. Proponent shall comply with the action plan for CSR submitted by PP at the time of EIA presentation. Compliance report of investment under CSR to be submitted regularly to the Directorate, UPPCB and District Administration.
4. The project proponent should develop green belt in the premises of CBWTF unit as per the plan submitted. PP shall also follow the guidelines of CPCB/UPPCB for green belt as per the norms.
5. Proposed CBWTF shall comply with the guidelines for Bio-medical Waste Treatment and Disposal, transportation & storage facilities etc. issued by CPCB from time to time.

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

- I. Statutory compliance:
 1. The project proponent shall obtain forest clearance under the provisions of the Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
 2. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 3. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and be 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)
 4. The project proponent shall obtain Consent to establish/Operate under the provisions of the Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
 5. Transportation and handling of Bio-medical Wastes shall be as per the Biomedical Wastes (Management and Handling) Rules, 2001 including section 129 to 137 of Central Motor Vehicle Rules 1989.
 6. The project shall fulfill all the provisions of hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2016 including collection and transportation design etc and also guidelines for Common Hazardous Waste Incineration — 2005, issued by CPCB Guidelines of CPCB/MPPCB for Bio-medical Waste Common Hazardous Wastes incinerators shall be followed.
 7. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
 8. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
 9. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities
- II. Air quality monitoring and preservation:
 1. The project proponent shall install an emission monitoring system including Dioxin and furans in monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online serves and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
 2. Periodical air quality monitoring in and around the site including VOC, HC shall be carried out.
 3. Incineration plants shall be operated (combustion chambers) with such temperature, retention time and turbulence, to achieve Total Organic Carbon (TOC) content in the slag

and bottom ashes less than 3% or their loss on ignition is less than 5% of the dry weight of the material.

4. Venture scrubber (alkaline) should be provided with the incinerator with stack of adequate height (Minimum 30 meters) to control particulate emission within 50 mg/Nm³.
 5. Appropriate Air Pollution Control (APC) system shall be provided for fugitive dust from all vulnerable sources, so as to comply with prescribed standards. All necessary air pollution control devices (quenching, Venturi scrubber, mist eliminator) should be provided for compliance with emission standards.
 6. Masking agents should be used for odour control.
- III. Water quality monitoring and preservation:
1. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 through labs recognized under Environment (Protection) Act, 1986 or NAB L accredited laboratories.
 2. Waste water generated from the facility shall be treated in the ETP and treated waste water shall be reused in the APCD connected to the incinerator. The water quality of treated effluent shall meet the norms prescribed by State Pollution Control Board. Zero discharge should be maintained.
 3. Process effluent/any waste water should not be allowed to mix with storm water.
 4. Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from the competent authority shall be obtained for use of fresh water.
 5. A sewage Treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused within the project.
 6. A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point should be obtained.
 7. The leachate from the facility shall be collected and treated to meet the prescribed standards before disposal.
 8. Magnetic flow meters shall be provided at the inlet and outlet of the ETP & all ground water abstraction points and records for the same shall be maintained regularly.
 9. Rain water runoff from the hazardous waste storage area shall be collected and treated in the effluent treatment plant.
- IV. Noise monitoring and prevention:
1. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during daytime and 70 dB(A) during night-time.
- V. Energy Conservation measures:
1. Provide solar power generation on roof tops of buildings, for the solar light system for all common areas, street lights, parking around the project area and maintain the same regularly;
 2. Provide LED lights in their offices and residential areas
- VI. Waste management:
1. Incinerated ash shall be disposed of at approved TSDF and MoU made in this regard shall be submitted to the Ministry prior to the commencement.
 2. The solid wastes shall be segregated as per the norms of the Solid Waste Management Rules, 2016.
 3. A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from the project.
 4. Any wastes from construction and demolition activities related thereto shall be managed so

as to strictly conform to the Construction and Demolition Rules, 2016

5. No landfill site is allowed within the CBWTF site.
6. The Project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCB/SPCB.

VII. Green Belt:

1. Green belt shall be developed in the area as provided in project details, with native tree 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. Public bearing and Human health issues:

1. Feeding of materials/Bio-medical waste should be mechanized and automatic no manual feeding is permitted.
2. Proper parking facility should be provided for employees & transport used for collection & disposal of waste materials.
3. Necessary provision shall be made for fire-fighting facilities within the complex.
4. An emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
5. An emergency plan shall be drawn in consultation with SPCB/CPCB and implemented in order to minimize the hazards to human health or the environment from fires, explosions or any unplanned sudden or gradual release of hazardous waste or hazardous waste constituents to air, soil or surface water.
6. 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.
7. Occupational health surveillance of the workers shall be done on a regular basis.

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.II I 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 standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. A copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of the 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 the responsibility matrix of the company shall be prepared and shall be duly approved by the competent authority. The year-wise funds earmarked for environmental protection measures shall be kept in a separate account and not be diverted for any other purpose. Year rise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
5. A 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 prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3. The project proponent shall upload the status of compliance with the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at the environment clearance portal.
5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
6. The criteria pollutant levels namely; SPM, RSPM, SP, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
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, commitments made during Public hearings 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 the Environment (Protection) Act, 1986.
12. The Ministry may revoke or suspend the clearance if the implementation of any of the above conditions is not satisfactory.
13. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time-bound manner shall implement these conditions.
14. The Regional Office of this Ministry shall monitor compliance with the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information/monitoring reports.
15. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Trans boundary 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/NGT and any other Court of Law relating to the subject matter.

16. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

12. Common Bio Medical Waste Treatment Facility (CBWTF) at Plot No. C-20 at Sathariya Industrial Development Authority (SIDA) Sathariya, District- Jaunpur, U.P., M/s R.S. BMW Services, 8220/7574/SIA/UP/INFRA2/435159/2023

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 Pvt. Limited, Patna. 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 Common Biomedical Waste Treatment Facility at Plot No.- C-20 at Sathariya Industrial Development Authority (SIDA) Sathariya Jaunpur, Uttar Pradesh, M/s R S BMW Services.
2. The standard terms of reference in the matter were issued through online Parivesh Portal on 31/01/2023 and EIA report submitted through online Parivesh Portal on 07/09/2023.
3. Salient features of the project as submitted by the project proponent:

S.No.	Parameters	Description																					
1.	Identification of Project	The Proposed project of CBWTF falls under Category B-1, schedule 7(da) as per the EIA Notification 14th Sep, 2006 and subsequent amendments dated 1st December, 2009 & 17th April, 2015.																					
2.	Project Proponent	M/s R.S. BMW Services																					
3.	Brief description of nature of the project	Biomedical waste is generated from all health care institutions; nursing homes, clinics, dispensaries, veterinary institutions, animal houses, pathological laboratories, blood banks etc. The responsibility of collection, treatment and safe disposal of all types of solid wastes rests with the generator. A Common Bio-medical Waste Treatment Facility (CBWTF) is proposed to be set up where bio-medical waste, generated from a number of healthcare units, will be suitably treated as per the prescribed procedure & norms laid down in the regulation. Proposed project of setting up of the Common Bio- medical Waste Treatment Facility includes Incinerator, Autoclave, Shredder and Effluent Treatment Plant. The present proposal is to utilize 0.58 ha land for setting up of Biomedical Waste Treatment Facility.																					
4.	Salient Features of the Project																						
5.	Proposed plant capacity	<table border="1"> <tr> <th colspan="3">Proposed Capacity of CBWTF:</th></tr> <tr> <th>Equipment</th><th>Capacity</th><th>Number</th></tr> <tr> <td>Incinerator (One + one standby)</td><td>250 kg/hr</td><td>2</td></tr> <tr> <td>Autoclave</td><td>1000 litre/Batch</td><td>2</td></tr> <tr> <td>Shredder</td><td>150 kg/hr</td><td>1</td></tr> <tr> <td>Chemical Disinfection Tank</td><td>1500 Ltr</td><td>1</td></tr> <tr> <td>Effluent Treatment Plant</td><td>10 KLD</td><td>1</td></tr> </table>	Proposed Capacity of CBWTF:			Equipment	Capacity	Number	Incinerator (One + one standby)	250 kg/hr	2	Autoclave	1000 litre/Batch	2	Shredder	150 kg/hr	1	Chemical Disinfection Tank	1500 Ltr	1	Effluent Treatment Plant	10 KLD	1
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6.	Category of Projects	Category "B1" and Schedule- 7(da)																					
7.	Number of working days	365																					
8.	Total Plot Area	0.58 Ha																					
9.	Khasra Number	Plot No.- C-20																					
10.	Location	Plot No.- C-20 at Sathariya Industrial Development Authority (SIDA) Sathariya Jaunpur, Uttar Pradesh																					
11.	Coordinates of the Plant	<ol style="list-style-type: none"> 1. 25°38'58.56"N 82°13'54.23"E 2. 25°38'58.59"N 82°13'57.17"E 3. 25°38'55.99"N 82°13'54.39"E 4. 25°38'56.11"N 82°13'56.36"E 																					
12.	Elevation	108meter-110 meter																					

13.	Nearest habituated area	Sarai Dingur, Approx. 1.23 km towards North-West
14.	Nearest Main Public Road	NH-31 is about Approx. 1.12 Km towards North.
15.	Nearest Railway station/Airport	Badshahpur Railway Station, approx. 4.13 km in West direction. Chaudhary Charan Singh International Airport, approx. 182 km in North West direction.
16.	Nearest water body	Varna River, approx. 8.13 km in SSW direction
17.	Water requirement	Water requirement for the proposed CBWTF project is 11 KLD. Fresh- 7.10 KLD Recycled- 3.90 KLD
18.	Source of water	Ground water Supply (Water will be abstracted only after getting NOC from CGWA).
19.	Wastewater Generation	Waste water generated from the treatment of Biomedical waste during autoclaving, washing of floors, and domestic purpose etc. is 5.25 KLD and it shall be treated in effluent treatment plant and reuse in process
20.	Man Power	During Construction phase, the labors and workers will be hired from nearby villages. Total 20 persons are proposed to hire for plant operation including officers, skilled and unskilled workers.
21.	Air Pollution Control Device	Wet Scrubber, Cyclone and Bag Filter
22.	Nos. of Stack	2
23.	Power requirement	DG Set of 82.5 KVA is proposed for the project and lines will be taken from the authorized electricity board. ~ 1% of the total power load will meet through solar energy.
24.	Alternative site	No Alternative site is examined
25.	Land form, Land use and land ownership	The land for project is Plot No. C-20 at Sathariya Industrial Development Authority (SIDA) Sathariya Jaunpur, Uttar Pradesh.
26.	Project Cost	The estimated cost of the Project is Rs. 4.85 Cr.

4. Water calculation details:

S. No.	Requirement for	Water Consumption	Process Losses	Waste water generation	ETP losses	Recycled/ Reuse
A.	Process (Scrubbing)	2.40	1.40	1.00	0.20	0.80
B.	Steam Generation (Autoclaving)	0.20	0.05	0.15	0.05	0.10
C.	Miscellaneous i.e., Floor washing, Vehicle washing etc.	3.80	0.20	3.60	0.60	3.0
D.	Domestic Purpose	0.60	0.10	0.50	0.00	0.00
E.	Green Belt	4.0	4.0	0.00	0.00	0.00
Total (KL/Day)		11.0 7.10 (Fresh) + 3.90 (Recycle)	5.75	5.25	0.85	3.90

- Waste water (4.75 KLD) is being generated from the Industrial Process will be subjected to Proposed ETP (Capacity- 10.0 KLD). Treated water from (3.90 KLD) will be reused in scrubber for cooling purpose and green belt purpose.
- The entire system shall be a zero discharge system in terms of wastewater discharge from the process as recirculated through ETP.
- Domestic Wastewater shall be treated in a soak pit/septic tank.

5. Solid waste details:

Total No. of Employees	20
Assuming per capita solid waste generation rate as 0.2 kg/capita/day	
Quantity of solid waste generated	4.0 kg/day
Organic solid waste: 60 % of the total waste	2.40 kg/day
Inorganic solid waste : 40 % of the total waste	1.60 kg/day
Disposal of domestic solid waste	Domestic wastes are segregated at source, collected in bins and

	composted.
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6. Hazardous waste details:

Sl. No.	Source	Quantity of hazardous waste Generated (Approx.)	Category according to Schedule I of hazardous waste	Treatment/ Disposal
1.	Spent Oil from DG set	5.0 MTPA	5.1	Handed over to authorized recyclers/re-processors
2.	Discarded Containers /Barrels	100 Nos./Annum	33.1	Handed over to authorized recyclers/re-processors
3.	Sludge from Wet Scrubbers	1.0 MTPA	37.1	Send to TSDF / Co processing industries.
4.	Ash from incinerator and flue gas cleaning residue	5.0 MTPA	37.2	Send to TSDF / Co processing industries.

7. There is no any litigation pending against project till dated 19/09/2023.

8. The project proposal falls under category-7(da) of EIA Notification, 2006 (as amended thereof).

The project proponent also submitted a letter dated 30/08/2023 issued by UPPCB, Lucknow. UPPCB in its letter dated 30/08/2023 mentioned is as follows:

“...सन्दर्भित सी0बी0डब्ल्यू0टी0एफ0 के प्रस्तावित स्थल के निकटवर्ती जनपदों में कार्यालय अभिलेखों में उपलब्ध सूचना के अनुसार चिकित्सालयों में उपलब्ध बेड्स की संख्या निम्नवत् है:-

जनपद का नाम	चिकित्सालयों में उपलब्ध बेड्स की संख्या	बेड्स के सापेक्ष आंकलित जैव चिकित्सा अपशिष्ट की मात्रा (कि0ग्रा0/दिन)
भदोही	2367	591.75
जौनपुर	7561	1890.25
मीरजापुर	3443	860.75
प्रयागराज	15471	3867.75
सुल्तानपुर	5085	1271.25
अमेठी	2865	716.25
प्रतापगढ़	4310	1077.5
योग	41102	10275.5

अवगत कराना है कि सन्दर्भित सी0बी0डब्ल्यू0टी0एफ0 के प्रस्तावित स्थल से 75 किमी0 रेडियल दूरी के भीतर 03 सी0बी0डब्ल्यू0टी0एफ0 मेसर्स संगम मेडीसर्व, हण्डिया, प्रयागराज, मेसर्स फेरोबिल्ड हार्ड (इण्डिया) प्रा0 लि0, 83ए, महेबा पुरबपट्टी, नैनी, प्रयागराज एवं मेसर्स रॉयल पॉल्यूशन कान्ट्रोल सर्विसेस, सुल्तानपुर कार्यरत है तथा उक्त सभी सी0बी0डब्ल्यू0टी0एफ0 में इन्सीनिरेटर की कुल क्षमता 600 किग्रा0/घण्टा है।

अतः यह मान लिया जाये कि सी0बी0डब्ल्यू0टी0एफ0 में इन्सीनिरेटर का संचालन 12 घण्टा प्रतिदिन होता है, प्रति बेड जैव चिकित्सा अपशिष्ट 250 ग्राम/दिन जनित होता है एवं जनित जैव चिकित्सा अपशिष्ट का 80 प्रतिशत भाग इन्सीनिरेबिल अपशिष्ट में आता है तो उस दशा में कुल जनित अपशिष्ट यथा 10275.5 कि0ग्रा0/दिन में इन्सीनिरेबिल अपशिष्ट 8220.4 कि0ग्रा0/दिन हेतु उपरोक्त वर्णित समस्त सी0बी0डब्ल्यू0टी0एफ0 द्वारा अधिकतम 7200 कि0ग्रा0/दिन इन्सीनिरेबिल अपशिष्ट का निस्तारण किया जा सकता है तथा जनित अपशिष्ट यथा 1020.4 कि0ग्रा0/दिन के निस्तारण हेतु अतिरिक्त सी0बी0डब्ल्यू0टी0एफ0 की आवश्यकता होगी।

The consultant (EIA Coordinator) also submitted an affidavit dated 05/08/2023 mentioning is as follows:

1. I, Muzaffar Ahmad, S/o Shri S.Iqbal Ahmad is EIA Coordinator of M/s Environment Management Division of M/s India Glycols Limited, Kashipur.

2. I have prepared the EIA/EMP report for the proposal (EC) in Name of Common Biomedical Waste Treatment Facility at Plot No.- C-20 at Sathariya Industrial Development Authority (SIDA) Sathariya Jaunpur, Uttar Pradesh, M/s R S BMW Services 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 expansion of 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 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-12

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

Additional Conditions:

1. Proposed CBWTF shall comply with the revised guidelines (location criteria) for Common Bio-medical Waste Treatment and Disposal Facilities issued by CPCB on December 21st 2016 with respect to establishment of new CBWTF.
2. In compliance with the 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.
3. Proponent shall comply with the action plan for CSR submitted by PP at the time of EIA presentation. Compliance report of investment under CSR to be submitted regularly to the Directorate, UPPCB and District Administration.
4. The project proponent should develop green belt in the premises of CBWTF unit as per the plan submitted. PP shall also follow the guidelines of CPCB/UPPCB/Development authority for green belt as per the norms.
5. Proposed CBWTF shall comply with the guidelines for Bio-medical Waste Treatment and Disposal, transportation & storage facilities etc. issued by CPCB from time to time.

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

- I. Statutory compliance:
 1. The project proponent shall obtain forest clearance under the provisions of the Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
 2. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 3. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and be 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)
 4. The project proponent shall obtain Consent to establish/Operate under the provisions of the

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

5. Transportation and handling of Bio-medical Wastes shall be as per the Biomedical Wastes (Management and Handling) Rules, 2001 including section 129 to 137 of Central Motor Vehicle Rules 1989.
 6. The project shall fulfill all the provisions of hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2016 including collection and transportation design etc and also guidelines for Common Hazardous Waste Incineration — 2005, issued by CPCB Guidelines of CPCB/MPPCB for Bio-medical Waste Common Hazardous Wastes incinerators shall be followed.
 7. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
 8. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
 9. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities
- II. Air quality monitoring and preservation:
1. The project proponent shall install an emission monitoring system including Dioxin and furans in monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online serves and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
 2. Periodical air quality monitoring in and around the site including VOC, HC shall be carried out.
 3. Incineration plants shall be operated (combustion chambers) with such temperature, retention time and turbulence, to achieve Total Organic Carbon (TOC) content in the slag and bottom ashes less than 3% or their loss on ignition is less than 5% of the dry weight of the material.
 4. Venture scrubber (alkaline) should be provided with the incinerator with stack of adequate height (Minimum 30 meters) to control particulate emission within 50 mg/Nm³.
 5. Appropriate Air Pollution Control (APC) system shall be provided for fugitive dust from all vulnerable sources, so as to comply with prescribed standards. All necessary air pollution control devices (quenching, Venturi scrubber, mist eliminator) should be provided for compliance with emission standards.
 6. Masking agents should be used for odour control.
- III. Water quality monitoring and preservation:
1. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
 2. Waste water generated from the facility shall be treated in the ETP and treated waste water shall be reused in the APCD connected to the incinerator. The water quality of treated effluent shall meet the norms prescribed by State Pollution Control Board. Zero discharge should be maintained.
 3. Process effluent/any waste water should not be allowed to mix with storm water.
 4. Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from the competent authority shall be obtained for use of fresh water.

5. A sewage Treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused within the project.
6. A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point should be obtained.
7. The leachate from the facility shall be collected and treated to meet the prescribed standards before disposal.
8. Magnetic flow meters shall be provided at the inlet and outlet of the ETP & all ground water abstraction points and records for the same shall be maintained regularly.
9. Rain water runoff from the hazardous waste storage area shall be collected and treated in the effluent treatment plant.
- IV. Noise monitoring and prevention:
 1. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during daytime and 70 dB(A) during night-time.
- V. Energy Conservation measures:
 1. Provide solar power generation on roof tops of buildings, for the solar light system for all common areas, street lights, parking around the project area and maintain the same regularly;
 2. Provide LED lights in their offices and residential areas
- VI. Waste management:
 1. Incinerated ash shall be disposed of at approved TSDF and MoU made in this regard shall be submitted to the Ministry prior to the commencement.
 2. The solid wastes shall be segregated as per the norms of the Solid Waste Management Rules, 2016.
 3. A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from the project.
 4. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016
 5. No landfill site is allowed within the CBWTF site.
 6. The Project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCB/SPCB.
- VII. Green Belt:
 1. Green belt shall be developed in the area as provided in project details, with native tree 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. Public bearing and Human health issues:
 1. Feeding of materials/Bio-medical waste should be mechanized and automatic no manual feeding is permitted.
 2. Proper parking facility should be provided for employees & transport used for collection & disposal of waste materials.
 3. Necessary provision shall be made for fire-fighting facilities within the complex.
 4. An emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
 5. An emergency plan shall be drawn in consultation with SPCB/CPCB and implemented in order to minimize the hazards to human health or the environment from fires, explosions or any unplanned sudden or gradual release of hazardous waste or hazardous waste constituents to air, soil or surface water.
 6. 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.

7. Occupational health surveillance of the workers shall be done on a regular basis.

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.II I 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 standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. A copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of the 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 the responsibility matrix of the company shall be prepared and shall be duly approved by the competent authority. The year-wise funds earmarked for environmental protection measures shall be kept in a separate account and not 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. A 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 prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3. The project proponent shall upload the status of compliance with the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at the environment clearance portal.
5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
6. The criteria pollutant levels namely; SPM, RSPM, SP, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

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, commitments made during Public hearings 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 the Environment (Protection) Act, 1986.
12. The Ministry may revoke or suspend the clearance if the implementation of any of the above conditions is not satisfactory.
13. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time-bound manner shall implement these conditions.
14. The Regional Office of this Ministry shall monitor compliance with the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information/monitoring reports.
15. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Trans boundary 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/NGT and any other Court of Law relating to the subject matter.
16. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

(Prof. Jaswant Singh)
Member

(Dr. Amrit Lal Haldar)
Member

(Dr. Shiv Om Singh)
Member

(Tanzar Ullah Khan)
Member

(Ashish Tiwari)
Member-Secretary

(Dr. Harikesh Bahadur Singh)
Chairman

Nodal, SEAC-2

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

Annexure-1

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

A. General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under the law.
3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization, and scope of working shall again require prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, the quantum of mineral and waste shall be made.
5. Mining will be carried out as per the approved mining plan. In case of any violation of the mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO₂, NO_x monitoring. The location of the stations should be decided based on the meteorological data, topographical features, and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board. The monitored data for criteria pollutants shall be regularly uploaded on the company's website and also displayed on the website.
7. Data on ambient air quality (RPM, SPM, SO₂, NO_x) should be regularly submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and the State Pollution Control Board / Central Pollution Control Board once in six months.
8. Ambient air quality at the boundary of the mine premises shall conform to the norms prescribed in MoEF notification no. GSR/826(E) dated 16.11.09.
9. Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading, and at transfer points shall be provided and properly maintained.
10. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with earplugs/muffs and health records of the workers shall be maintained.
11. Industrial wastewater (workshop and wastewater from the mine) should be properly collected, treated to conform to the standards prescribed under GSR 422 (E) dated 19th May 1993 and 31st December 1993 or as amended from time to time. Oil and grease traps shall be installed before the discharge of workshop effluents.
12. Personnel working in areas shall be provided with protective respiratory devices like masks and they shall also be imparted adequate training and information on safety and health aspects.
13. Special measures shall be adopted to prevent the nearby settlements from the impacts of mining activities.
14. The transportation of the materials shall be limited to the day hours' time only.
15. Provision shall be made for housing the laborers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
16. A separate Environmental Management Cell with suitably qualified personnel shall be setup under the control of a Senior Executive, who will report directly to the Head of the Organization.
17. The Project Proponent shall inform the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board regarding the date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.

18. The funds earmarked for environmental protection measures shall be kept in a separate account and shall not be diverted for other purposes. The year-wise expenditure shall be reported to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board
19. The Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board shall monitor compliance with the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan, Public hearing, and other documents information should be given to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board
20. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat, and Municipal Bodies as applicable in the matter.
21. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Level Environment Impact Assessment Authority (SEIAA).
22. The Project Proponent has to submit a regular half-yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the SEIAA, U.P. on 1st June and 1st December of each calendar year.
23. The SEIAA may alter/modify the above conditions or stipulate any further condition in the interest of environmental protection.
24. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

B. Specific Conditions:

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

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

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

- covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the period of transportation. No overloading of minerals for transportation shall be committed. The trucks transporting minerals shall not pass through the wildlife sanctuary if any in the study area.
38. Prior permission from the Competent Authority shall be obtained for the extraction of groundwater if any.
 39. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
 40. Project Proponent shall explore the possibility of using solar energy where ever possible.
 41. Commitment towards CER has to be followed strictly.
 42. Regular health checkup record of the mineworkers has to be maintained at the site in a proper register. It should be made available for inspection whenever asked.
 43. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB, and other Govt. Agencies from time to time.
 44. The blasting will be done only after getting permission from the Mining Department.

General and Specific Conditions for Sand/Morum Mining Proposals

General Conditions:

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

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

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

Specific Conditions:

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

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

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

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.