

### **Minutes of 678<sup>th</sup> SEAC-2 Meeting Dated 08/08/2022**

The 678<sup>th</sup> meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 08/08/2022. Following members participated in the meeting:

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

The Chairman welcomed the members to the 678<sup>th</sup> SEAC-2 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-2 informed the committee that the agenda has been approved by the Member Secretary, SEAC-2/Director Environment. Nodal Officer, SEAC-2 placed the agenda items along with the available file and documents before the SEAC-2.

1. **Sand/Morrum Mining from Betwa River bed at Gata No - 1482, Khand No-02, Village-Teekar, Tehsil- Orai, District- Jalaun, Shri Sushil Kumar Gupta, M/s Sushil Stone Gramodhyog, Area 20.20 ha. File No. 6688/Proposal No. SIA/UP/MIN/69252/2021**

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

1. The environmental clearance is sought for Sand/Morrum Mining from Betwa River bed at Gata No - 1482, Khand No-02, Village-Teekar, Tehsil- Orai, District- Jalaun, U.P., (Leased Area 20.20 ha.), M/s Sushil Stone Gramodhyog.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 448/Parya/SEAC/6688/2021 dated 08/01/2022.
3. The public hearing was organized on 10/05/2022 at Tehsil-Orai, District-Jalaun, U.P. Final EIA report submitted by project proponent on 02/06/2022.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/69252/2021
2.	File No. allotted by SEIAA, UP	6688
3.	Name of Proponent	M/s Sushil Stone Gramodhyog Shri Sushil Kumar Gupta (Prop)
4.	Full correspondence address of proponent and mobile no.	R/o P-05, Ansal Palm Court Medical, Jhansi 284128, U. P E mail ID - ssgteekar99@gmail.com Mobile no. - 9415414108
5.	Name of Project	River Sand/Morrum Mining Project having lease area 20.20ha (50.00 acre) along River Betwa in Gata No 1482, Khand No - 02 at Village - Teekar, Tehsil- Orai, District- Jalaun, U. P.
6.	Project Location (Plot. Khasra/Gata No.)	Gata No 1482, Khand No - 02

7.	Name of River	Betwa																																																																																																																																										
8.	Name of Village	Teekar																																																																																																																																										
9.	Tehsil	Orai																																																																																																																																										
10.	District	Jalaun																																																																																																																																										
11.	Name of Minor Mineral	River Sand/Morrum Mining																																																																																																																																										
12.	Sanctioned Lease Area (in Ha.)	20.20 ha																																																																																																																																										
13.	Max. & Min mRL within lease area	The highest level is 107.4 mRL The lowest level is 104.0 mRL																																																																																																																																										
14.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillar</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr> <td align="center" colspan="3">Total Area-20.20</td></tr> <tr><td>A</td><td>25° 53' 38.07"N</td><td>79° 31' 30.42"E</td></tr> <tr><td>B</td><td>25° 53' 38.64"N</td><td>79° 31' 30.92"E</td></tr> <tr><td>C</td><td>25° 53' 39.91"N</td><td>79° 31' 36.91"E</td></tr> <tr><td>D</td><td>25° 53' 39.56"N</td><td>79° 31' 39.02"E</td></tr> <tr><td>E</td><td>25° 53' 41.96"N</td><td>79° 31' 51.99"E</td></tr> <tr><td>F</td><td>25° 53' 42.41"N</td><td>79° 31' 59.82"E</td></tr> <tr><td>G</td><td>25° 53' 42.95"N</td><td>79° 32' 01.66"E</td></tr> <tr><td>H</td><td>25° 53' 41.93"N</td><td>79° 32' 05.47"E</td></tr> <tr><td>I</td><td>25° 53' 42.22"N</td><td>79° 32' 06.76"E</td></tr> <tr><td>J</td><td>25° 53' 40.20"N</td><td>79° 32' 08.02"E</td></tr> <tr><td>K</td><td>25° 53' 38.37"N</td><td>79° 32' 11.47"E</td></tr> <tr><td>L</td><td>25° 53' 37.76"N</td><td>79° 32' 11.48"E</td></tr> <tr><td>M</td><td>25° 53' 38.68"N</td><td>79° 32' 03.88"E</td></tr> <tr><td>N</td><td>25° 53' 38.16"N</td><td>79° 31' 54.55"E</td></tr> <tr><td>O</td><td>25° 53' 37.08"N</td><td>79° 31' 52.95"E</td></tr> <tr><td>P</td><td>25° 53' 36.31"N</td><td>79° 31' 50.08"E</td></tr> <tr><td>Q</td><td>25° 53' 34.38"N</td><td>79° 31' 47.54"E</td></tr> <tr><td>R</td><td>25° 53' 28.15"N</td><td>79° 31' 38.78"E</td></tr> <tr><td>S</td><td>25° 53' 27.64"N</td><td>79° 31' 36.42"E</td></tr> <tr> <td align="center" colspan="3">Workable Area</td></tr> <tr> <td align="center" colspan="3">Patch I</td></tr> <tr><td>S1</td><td>25° 54' 29.51"N</td><td>79° 39' 58.54"E</td></tr> <tr><td>S4</td><td>25° 54' 31.62"N</td><td>79° 40' 05.12"E</td></tr> <tr><td>P</td><td>25° 53' 36.31"N</td><td>79° 31' 50.08"E</td></tr> <tr><td>Q</td><td>25° 53' 34.38"N</td><td>79° 31' 47.54"E</td></tr> <tr><td>R</td><td>25° 53' 28.15"N</td><td>79° 31' 38.78"E</td></tr> <tr><td>S</td><td>25° 53' 27.64"N</td><td>79° 31' 36.42"E</td></tr> <tr> <td align="center" colspan="3">Patch II</td></tr> <tr><td>S5</td><td>25° 53' 40.59"N</td><td>79° 31' 44.91"E</td></tr> <tr><td>E</td><td>25° 53' 41.96"N</td><td>79° 31' 51.99"E</td></tr> <tr><td>F</td><td>25° 53' 42.41"N</td><td>79° 31' 59.82"E</td></tr> <tr><td>G</td><td>25° 53' 42.95"N</td><td>79° 32' 01.66"E</td></tr> <tr><td>S8</td><td>25° 53' 41.93"N</td><td>79° 32' 5.47"E</td></tr> <tr><td>S7</td><td>25° 53' 38.41"N</td><td>79° 32' 00.00"E</td></tr> <tr><td>N</td><td>25° 53' 38.16"N</td><td>79° 31' 54.55"E</td></tr> <tr><td>O</td><td>25° 53' 37.08"N</td><td>79° 31' 52.95"E</td></tr> <tr><td>S6</td><td>25° 53' 36.83"N</td><td>79° 31' 52.11"E</td></tr> <tr><td>S8</td><td>25° 53' 41.93"N</td><td>79° 32' 5.47"E</td></tr> <tr><td>H</td><td>25° 53' 41.93"N</td><td>79° 32' 05.47"E</td></tr> <tr><td>I</td><td>25° 53' 42.22"N</td><td>79° 32' 06.76"E</td></tr> <tr><td>J</td><td>25° 53' 40.20"N</td><td>79° 32' 08.02"E</td></tr> <tr><td>K</td><td>25° 53' 38.37"N</td><td>79° 32' 11.47"E</td></tr> <tr><td>L</td><td>25° 53' 37.76"N</td><td>79° 32' 11.48"E</td></tr> <tr><td>M</td><td>25° 53' 38.68"N</td><td>79° 32' 03.88"E</td></tr> </tbody> </table>	Pillar	Latitude	Longitude	Total Area-20.20			A	25° 53' 38.07"N	79° 31' 30.42"E	B	25° 53' 38.64"N	79° 31' 30.92"E	C	25° 53' 39.91"N	79° 31' 36.91"E	D	25° 53' 39.56"N	79° 31' 39.02"E	E	25° 53' 41.96"N	79° 31' 51.99"E	F	25° 53' 42.41"N	79° 31' 59.82"E	G	25° 53' 42.95"N	79° 32' 01.66"E	H	25° 53' 41.93"N	79° 32' 05.47"E	I	25° 53' 42.22"N	79° 32' 06.76"E	J	25° 53' 40.20"N	79° 32' 08.02"E	K	25° 53' 38.37"N	79° 32' 11.47"E	L	25° 53' 37.76"N	79° 32' 11.48"E	M	25° 53' 38.68"N	79° 32' 03.88"E	N	25° 53' 38.16"N	79° 31' 54.55"E	O	25° 53' 37.08"N	79° 31' 52.95"E	P	25° 53' 36.31"N	79° 31' 50.08"E	Q	25° 53' 34.38"N	79° 31' 47.54"E	R	25° 53' 28.15"N	79° 31' 38.78"E	S	25° 53' 27.64"N	79° 31' 36.42"E	Workable Area			Patch I			S1	25° 54' 29.51"N	79° 39' 58.54"E	S4	25° 54' 31.62"N	79° 40' 05.12"E	P	25° 53' 36.31"N	79° 31' 50.08"E	Q	25° 53' 34.38"N	79° 31' 47.54"E	R	25° 53' 28.15"N	79° 31' 38.78"E	S	25° 53' 27.64"N	79° 31' 36.42"E	Patch II			S5	25° 53' 40.59"N	79° 31' 44.91"E	E	25° 53' 41.96"N	79° 31' 51.99"E	F	25° 53' 42.41"N	79° 31' 59.82"E	G	25° 53' 42.95"N	79° 32' 01.66"E	S8	25° 53' 41.93"N	79° 32' 5.47"E	S7	25° 53' 38.41"N	79° 32' 00.00"E	N	25° 53' 38.16"N	79° 31' 54.55"E	O	25° 53' 37.08"N	79° 31' 52.95"E	S6	25° 53' 36.83"N	79° 31' 52.11"E	S8	25° 53' 41.93"N	79° 32' 5.47"E	H	25° 53' 41.93"N	79° 32' 05.47"E	I	25° 53' 42.22"N	79° 32' 06.76"E	J	25° 53' 40.20"N	79° 32' 08.02"E	K	25° 53' 38.37"N	79° 32' 11.47"E	L	25° 53' 37.76"N	79° 32' 11.48"E	M	25° 53' 38.68"N	79° 32' 03.88"E
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		Submerged area		
		Patch I		
		S1	25° 53' 34.24"N	79° 31' 32,56"E
		S2	25° 53' 37.01"N	79° 31' 31,05"E
		S3	25° 53' 39.18"N	79° 31' 33.1"E
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S7	25° 53' 38.41"N	79° 32' 00.00"E		
15.	Total Geological Reserves	5,23,590 m <sup>3</sup>		
16.	Total Mineable Reserve	2,01,700 m <sup>3</sup>		
17.	Total Proposed Production	10,10,000 m <sup>3</sup> (5 Year)		
18.	Proposed Production /year (as per LoI)	2,02,000 m <sup>3</sup>		
19.	Sanctioned Period of Mine lease	5 years		
20.	Method of Mining	Opencast semi-mechanized		
21.	No. of working days	250		
22.	Working hours/day	8		
23.	No. of worker	55		
24.	No. of vehicles movement/day	101		
25.	Type of Land	Govt./Non Forest Land		
26.	Depth of Mining	2.0 m ( For Mining Plan Period )		
27.	Nearest metalled road from site	0.50 km		
28.	Water Requirement	PURPOSE		
		Drinking	- 0.55 KLD	
		Suppression of dust	- 6.0 KLD	
		Plantation	- 21.0 KLD	
		Others (if any)	- 0.00 KLD	
		Total	- 27.55 KLD	
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124/RA 0224, Dated May 01, 2024		
30.	Any litigation pending against the project or land in any court	No		
31.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No- 559/Khanij-MMC-30 dated 09.12.2021		
32.	Details of Lease Area in approved DSR	Serial no. 38, Page no. 54		
33.	Project Cost	97.0 Lacs		
34.	Proposed CER cost	1.94 Lacs		
35.	Proposed EMP cost	38.91 Las		
36.	Length and breadth of Haul Road	Length – 0.5 km, Breadth – 6.00 m		
37.	No. of Trees to be Planted	21,000.00		

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 02/08/2022 mentioning is as follows:

1. I Surendra Vikram Ghavri S/o Shri Pratap Kumar is EIA Coordinator of M/s Paramarsh (Servicing Environment and Development, Lucknow).
2. I have prepared EIA/EMP report for the Sand/Morrum Mining along Betwa River bed, Gata No - 1482, Khand No-02 at Village-Teekar, Tehsil- Orai, District- Jalaun, Shri Sushil Kumar Gupta, M/s Sushil Stone Gramodhyog, Area 20.20 ha. (Proposal No. SIA/UP/MIN/69252/2022 with my team.
3. I have personally visited the site of proposal.
4. I have satisfied with that all the necessary data/information required for EIA/EMP preparation are true and correct.
5. I certify that no mining activity has been undertaken on the project site for the present proposal.
6. I certify that this project has been uploaded for this first time on Parivesh portal. In case the project has been uploaded again due to any reason, the withdrawals of previous project have been accepted by SEIAA, UP on Parivesh Portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
8. I state that all the TOR Points have been complied and all the issues raised during Public Hearing have been properly addressed in EIA report.

#### **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. In compliance of Hon'ble NGT Order dated 06.05.2022, for subsequent years, Project Proponent shall submit fresh annual replenishment study to SEIAA, UP for amendment in EC for mineable quantity and maximum permissible depth for mining based on scientific findings of replenishment study. Such study shall be placed before SEAC for appraisal for next three years to assess rate of deposition and accordingly, mineable production capacity and depth can be prescribed based on trends analysis, provided it is found scientifically satisfactory by the SEAC. The placing of the study report SEAC is mandatory for initial three years.
2. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be obtained before start of mining activity.
3. The project proponent shall install solar light in their site office.
4. 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.
5. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
6. 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.

7. 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.
8. The project proponent should explore the possibilities of rainwater harvesting.
9. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
10. 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.
11. As per the proposed plan, plantation with area specific plant species, number of plants to be planted.
12. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ water supplying agencies to be submitted.
13. Proponent should strictly comply with the EIA notification 2006 as amended as well as office orders of MoEF issued from time to time. Environment clearance conditions compliance report in view of EIA notification and office order of MoEF to be submitted to the concerned authority.

**2. Expansion of Group Housing at Khasra No. 69m, 70m, 70mi, 71m, 71mi, 72m, 72mi, 73m, 73mi, 76m, 76mi, 77/2, 79mi at Village-Chhajarsi, Tehsil- Dadri, Gautam Buddha Nagar, Shri Sudeep Yadav, M/s Ramprastha Urban Development Pvt. Ltd. File No. 7180/Proposal No. SIA/UP/MIS/78848/2022**

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

1. The terms of reference are sought for Expansion of Group Housing at Khasra No. 69m, 70m, 70mi, 71m, 71mi, 72m, 72mi, 73m, 73mi, 76m, 76mi, 77/2, 79mi at Village-Chhajarsi, Tehsil- Dadri, Gautam Buddha Nagar, U.P., M/s Ramprastha Urban Development Pvt. Ltd.
2. Environmental Clearance for the existing project was issued by SEIAA, U.P. vide letter no. 306/parya/SEAC/4905/2019, dated 22/10/2019 for the plot area 28,691 sqm and Built up area 1,13,679.155 sqm.
3. Maximum number of floors will be 2B+S/PO+30 and maximum height of the building will be 100.5 m.
4. Total Saleable Dwelling Units are 920 nos. Expected population will be 6450 (persons).
5. Comparative details of existing and expansion project:

SN	Description	Existing EC	Revised Proposal	Difference	Unit
1	Plot Area	28697	28697	0	SQM
2	Proposed Built Up Area	113679.155	178159.68	64480.53	SQM
3	Total no of Saleable DU's	456	920	464	NOS
4	Total EWS Unit	84	0	-84	
5	Max Height of Building (Upto Terrace)	96	100.5	4.5	M
6	Max No of Floors	2B+S/PO+30	2B+S/PO+30	-	NOS
7	Cost of Project	90	575	485	CR
8	Expected Population	3444	6450	3006	PERSONS
9	Proposed Ground Coverage Area	5228.066	5299.089	71.02	SQM
10	Proposed FAR Area	43953.21	112710.185	68756.98	SQM
11	Total Water Requirement	254	524	270	KLD
12	Fresh water requirement	183	375	192	KLD
13	Waste water Generation	209	429	220	KLD
14	Proposed STP Capacity	250	540	290	KLD
15	No of RWH of Pits Proposed	7	7	0	NOS

16	Total Proposed Parking	1937	1937	0	ECS
17	Proposed Green Area (15.14% of Plot Area)	4347.58	4347.58	0	SQM
18	Municipal Solid Waste Generation	1.45	2.95	1.50	TPD
19	Total Power Requirement	1780	1267	-513	KW
20	DG set backup	1000	1250	250	KVA

6. Salient features details:

SN	Description	Particulars	Unit
<b>GENERAL</b>			
1	Plot Area	28697	SQM
2	Proposed Built Up Area	178159.68	SQM
4	Total no of Saleable DU's	920	NOS
5	Max Height of Building	100.5	M
6	Max No of Floors	2B+S/PO+30	NOS
7	Cost of Project	575	CR
8	Expected Population	6450	PERSONS
9	Permissible Ground Coverage Area	11478.80	SQM
10	Proposed Ground Coverage Area	5299.089	SQM
11	Permissible FAR Area	114788.00	SQM
12	Proposed FAR Area	112710.19	SQM
<b>WATER</b>			
15	Total Water Requirement	524	KLD
16	Fresh water requirement	375	KLD
17	Waste water Generation	429	KLD
18	Proposed STP Capacity	540	KLD
19	Treated Water Available for Reuse	386	KLD
20	Recycled Water	149	KLD
21	Surplus treated water required	237	KLD
<b>RAIN WATER HARVESTING</b>			
22	Rain Water Harvesting Potential	151.77	CU
23	No of RWH of Pits Proposed	7	NOS
<b>PARKING</b>			
24	Total Proposed Parking	1937	ECS
25	Proposed Surface Parking	277	ECS
26	Proposed Stilt/Podium	402	ECS
27	Proposed Basement Parking	1258	ECS
<b>GREEN AREAS</b>			
32	Required Green Area	4304.55	SQM
33	Proposed Green Area (15.14% of Plot area)	4347.58	SQM
<b>WASTE GENERATION</b>			
34	Municipal Solid Waste Generation	2.95	TPD
35	Bio Degradable waste	1.77	TPD
36	Quantity of Sludge Generated from STP	42.93	KG/DAY
<b>POWER</b>			
37	Total Power Requirement (Source : UPPCL)	1267	KVA
38	DG set backup	1250	KVA

7. Parking details:

S. No.	Parking	Quantity	Unit
1	Total Parking Required as / Building Bye Laws	1937	ECS
2	Surface Parking	277	ECS
3	Proposed Stilt/Podium	402	ECS
4	Proposed Basement Parking	1258	ECS

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

The consultant (EIA Coordinator) also submitted an affidavit dated 08/08/2022 mentioning is as follows:

1. I, Suman Banerjee S/o Shri Nanak Chandra Banerjee is EIA Coordinator of Ind Tech House Consult.
2. I have prepared ToR for the proposal (SIA/UP/MIS/78848/2022), File No. 7180, Expansion of Group Housing at Khasra No. 69m, 70m, 70mi, 71m, 71mi, 72m, 72mi, 73m, 73mi, 76m, 76mi, 77/2, 79mi at Village-Chhajarsi, Tehsil- Dadri, Gautam Buddha Nagar, U.P., M/s Ramprastha Urban Development Pvt. Ltd with my team.
3. I have personally visited the site of proposal and certify that no construction activity is ongoing at the expansion part of the project. Construction activity is ongoing within the permissible limit of earlier environmental clearance granted for this project.
4. I have satisfied with that all the necessary data/information submitted along with application/form-1, 1A, & conceptual plan for approval of terms of reference 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. 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 (TOR) for the preparation of Environment Impact Assessment Report along with additional TOR points:**

#### **Additional TOR:**

1. Project Proponent shall submit the latest site photographs along with status of completion on site which shows the activity, proposed time for existing Environmental Clearance completion. PP shall also provide the date of commissioning of the unit.
2. Project proponent shall provide the details of the water resource and also MoU for using the STP treated water for use in the construction phase.
3. Proponent shall submit the water abstraction permissions from the concerned authority and also provide the water balance along with reuse of STP treated water sources.

#### **Standard Terms of Reference:**

1. The project proponent shall submit the certified compliance report in tabular form of the existing environmental clearance from IRO, Lucknow, MoEF&CC for the said project at the time of EIA presentation.
2. Examine details of land use as per Master Plan and land use around 10 km radius of the project site. Analysis should be made based on latest satellite imagery for land use with raw images. Check on flood plain of any river.
3. Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/ villages and present status of such activities.
4. Examine baseline environmental quality along with projected incremental load due to the project.
5. Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) bio-diversity, (f) noise and vibrations, (g) socio economic and health.

6. Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area. Any obstruction of the same by the project
7. Submit the details of the trees to be felled for the project.
8. Submit the present land use and permission required for any conversion such as forest, agriculture etc.
9. Submit Roles and responsibility of the developer etc for compliance of environmental regulations under the provisions of EP Act.
10. Ground water classification as per the Central Ground Water Authority.
11. Examine the details of Source of water, water requirement, use of treated waste water and prepare a water balance chart.
12. Rain water harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water. Examine details.
13. Examine soil characteristics and depth of ground water table for rainwater harvesting.
14. Examine details of solid waste generation treatment and its disposal.
15. Examine and submit details of use of solar energy and alternative source of energy to reduce the fossil energy consumption. Energy conservation and energy efficiency.
16. DG sets are likely to be used during construction and operational phase of the project. Emissions from DG sets must be taken into consideration while estimating the impacts on air environment. Examine and submit details.
17. Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. The plan should include the provision of link road from mining area to main road with black topping to prevent air pollution due to dust emission. Present and future traffic and transport facilities for the region should be analysed with measures for preventing traffic congestion and providing faster trouble free system to reach different destinations in the city.
18. A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.
19. Examine the details of transport of materials for construction which should include source and availability.
20. Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.
21. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
22. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
23. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
24. Examine the probable displacement/ disturbance of human/wild animal/birds settlement/migration due to impact of proposed project and suggest the suitable mitigation measures
25. There should be provision of temporary shelters for workers with provision of potable drinking water, toilet facility separate for men and women to prevent and stop open defecation at project site.
26. Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model ToR available on Ministry website "[parivesh.nic.in](http://parivesh.nic.in)".



**3. Common Biomedical Waste Treatment Facility at Khasra No.- 167 Mi & 90 Mi, Village-Maleva, Tehsil- Sandila, District- Hardoi, U.P. M/s AV Biomedical Waste Services. File No. 6288/Proposal No. SIA/UP/MIS/62770/2021**

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 Khasra No.- 167 Mi & 90 Mi, Village-Maleya, Tehsil- Sandila, District- Hardoi, U.P., M/s AV Biomedical Waste Services.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 471 /Parya/SEIAA/6288/2021, dated 04/03/2021.
3. Public hearing organized on 10/05/2022. Final EIA report submitted by the project proponent on 25/07/2022.
4. Area details of the project:

S.No.	Particulars	Area (sqm)
1	Guard Room	20.5
2	D.G Set Room	105.0
3	Parking	65.5
4	Main Office	70.1
5	Ash Pit	45.0
6	Washing Area	350.0
7	ETP	651.0
8	Incinerator	450.8
9	Shredder	450.8
10	Autoclave	450.8
11	Waste Storage Cabin	298.4
12	Labour Room	197.9
13	Chimney	30.5
14	Toilet	40.6
15	Green Area	2670.92 (33%)
16	Open Area	1406.8
17	Road	789.09
Total		8093.71

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

Proposed plant capacity	Equipment	Capacity	Number
	Incinerator	250 kg/hr	1
	Autoclave	1000 l/Batch	1
	Shredder	150 kg/hr	1
	Chemical Disinfection Tank	1500 Ltr	1
	Effluent Treatment Plant	10 KLD	1
Number of working days	365		
Total Plot Area	8093 sqm or (2 Acre)		
Khasra Numbers	167Mi		
Location	Village- Maleya, Tehsil- Sandila, Hardoi, Uttar Pradesh		
Latitude	27° 0'43.15"N		
Longitude	80°29'31.30"E		
Elevation	130 m		
Nearest habituated area	Maleya, approx. 2 km towards East		
Nearest Main Public Road	MDR 31C, approx. 1.51 km towards East		

	Sandila Rd. approx. 4.4 km towards North West SH-25, approx. 5.69 km towards ENE
Nearest Railway station/Airport	Baitalpur, approx. 9.76 km towards South Chaudhary Charan Singh International Airport, approx. 47.63 km towards South East
Nearest water body	Ganga, approx. 46.13 km towards West
Water requirement	Water requirement for the proposed CBWTF project is 11 KLD. (Fresh 7.1 KLD and Recycled 3.9 KLD)
Source of water	Water requirement will be met through bore wells
Wastewater Generation	Waste water generated from the treatment of Biomedical waste during autoclaving, washing of floors, etc. is 8 KLD and it shall be treated in effluent treatment plant and reuse in process
Man Power	During Construction phase, the labors and workers will be hired from nearby villages. Total 38 persons are proposed to be hired for plant operation including officers, skilled and unskilled workers.
Air Pollution Control Device	Venturi Scrubber and Stack
Nos. of Stack	2
Power requirement	DG Set of 62.5KVA is proposed for the project and lines will be taken from the authorized electricity board.
Alternative site	No Alternative site is examined
Land form, Land use and land ownership	The land for project is located in Village- Maleya, Tehsil- Sandila, Hardoi, Uttar Pradesh.
Conclusion	The estimated cost of the Project is Rs. 2.78 Cr.

**6. 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 (Recycled)	5.75	5.25	0.85	3.90

**Waste water details:**

- 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 re-circulated through ETP.
- Domestic Wastewater shall be treated in a soak pit/septic tank.

**7. 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.

**8. 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/ reproprocessors
2.	Discarded Containers /Barrels	100 Nos./Annum	33.1	Handed over to authorized recyclers/ reproprocessors
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	25.0 MTPA	37.2	Send to TSDF / Co processing industries.

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

The committee noted that the project proponent submit the gap analysis report from UP Pollution Control Board in compliance of Revised Guidelines for Common Biomedical Waste Treatment Facilities. The committee also discussed the complaint letter of Mr. Suresh Chandra Yadav, Legal Advisor, Common Biomedical Waste Facility Operators Association and did not find any merit of the complaint because the project proponent has already submit the gap analysis report from UPPCB.

The consultant (EIA Coordinator) also submitted an affidavit dated 08/08/2022 mentioning is as follows:

1. I, Muzaffar Ahmad S/o Shri Iqbal Ahmad is EIA Coordinator of EMD IGL.
2. I have prepared the EIA/EMP report for the proposal in name of AV Biomedical Waste 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-03**

**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 issued by CPCB on December 21st 2016 with respect to location criteria.
2. In case, the number of beds is exceeding >10,000 beds in a locality and the existing treatment capacity is not adequate, in such a case, a new CBWTF may be allowed in such a locality in

- compliance with various provisions notified under the Environment (Protection) Act, 1986, to cater services only to such additional bed strength of the HCFs.
3. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
  4. Proponent shall comply with the action plan and CSR plan submitted by PP/consultant at the time of EIA presentation.
  5. Dual pipelines plan for reuse of treated water should be implemented. No treated water should be discharged into the municipal drain without permission of competent authority.

**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/Nm<sup>3</sup>.
  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, NOx (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.

**4. Integrated Township at Villages- Mastemau & Bakkas, Tehsil- Mohanlalganj, District-Lucknow, U.P., M/s Amrawati Residency Pvt. Ltd. File No. 7201/6842/Proposal No. SIA/UP/MIS/80706/2022**

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

1. The environmental clearance is sought for Integrated Township at Khasra No.-402, 403ka, 516, 517 , 518, 519, 520, 521, 521, 523, 524, 546, 547,550, 551, 552min, 552min, 553, 554, 555, 556, 559, 560, 561, 564, 565, 566, 567, 568min, 568min, 568min, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 580, 590, 593, 595, 596, 598, 599-ka, 599-kh, 600, 601, 602-ka, 602-kh, 603, 604, 605, 606, 607, 608min, 608min, 608min, 609, 610, 612, 613, 614, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632-ka, 632-kh, 633, 634, 635, 636, 637, 639, 640, 641, 642, 643, 644, 645min, 645min, 645min, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655,656, 657, 658, 689, 660, 661k, 662, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 863, 931, 934, 935, 936, 937, 938, 943k, 943Ga, 943Ga, 943Gha, 944Min, 945, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 969, 970, 971, 972, 973, 974, 975, 977, 562, 563, 333, 334, 335. Village- Mastemau & Bakkas, Tehsil- Mohanlalganj, Lucknow., Shri Ajay Srivastava, M/s Amrawati Residency Pvt. Ltd.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 28/Parya/SEIAA/6842/2021, dated 23/04/2022.
3. Area details of the project:

S.No.	Description	Area
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			In sq.mt	In Acre	% Achieved
1.	Residential Area	Plotted	97,148.87	24.00	
		Group Housing	66,405.53	16.40	
		EWS & LIG	9,862.04	2.44	
		Sub Total	1,73,416.44	42.84	44.96
2.	Commercial	Commercial	30,359.27	7.50	
		Sub Total	30,359.27	7.50	7.87
3.	Mixed Use	Mixed	27,238.23	6.73	
		Sub Total	27,238.23	6.73	7.06
4.	Public-Semi Public Facility	Educational Facility	17,741.31	4.38	
		STP	1,675.86	0.41	
		Aganwadi	1093.32	0.32	
		Community Centre	5,056.49	1.25	
		Electric sub Station	2,164.01	0.53	
		Health Centre	4,206.26	1.04	
		SPO	693.89	0.17	
		Police Chowky	2,295.27	0.57	
		Informal Sector	1,325.76	0.33	
		Garbage Disposal	711.67	0.18	
		OHT&UGT	1,835.36	0.45	
		Sub Total	38,799.21	9.58	10.05
5.	Green Cover	Parks & Open Spaces	54399.41	13.44	
		Green Belt	3491.14	0.86	
		Sub Total	57890.55	14.30	15.01
6.	Roads	Road	57993.61	14.33	15.04
<b>TOTAL</b>			<b>3,85,697.31</b>	<b>95.28</b>	<b>100.00</b>

**4. Land distribution details:**

S.No.	Land Use	Land Area (sq.m)	Permissible F.A.R (sq.m)	Built-up Area (as per Permissible F.A.R) sq.m
1	Commercial	27,755.21	2.5	69,388.03
		908.21	1.5	1,362.32
		415.08	1.5	622.62
		1,280.77	1.5	1921.16
	Sub Total	30,359.27		73,294.12
2	Group Housing	66,405.53	2.5	1,66,013.83
3	EWS	9,862.04	2.0	19,724.08
4	Plotted	97,148.87	2.0	1,94,297.74
5	Mixed Use	27,238.23	3.0	81,714.69
5	Public Semi-Public	38,799.21	2.0	77,598.40
	<b>TOTAL</b>	<b>2,69,813.15</b>		<b>6,12,642.86</b>

**5. Population details:**

Group Housing			
Area of Group Housing	66405.53	sq.mt.	
	6.64	Hac.	
Permissible Ground Coverage	40%		
Permissible F.A.R.	2.5		
Permissible Density	@ 330 unit/hac. Or @ 1650 Persons/Hac.		
Permissible Units	2191.2	SAY	2192
Achieved Population @ 5 Persons / Unit	10960		
Group Housing For EWS & LIG			
Area of Group Housing	9862.04	sq.mt.	
	0.986	Hac.	



Permissible Ground Coverage				50%		
Permissible F.A.R.				2		
Permissible Density				@ 550 unit/hac. Or @ 2750 Persons/Hac.		
Permissible Units				550.3		SAY 550
Achieved Population @ 5 Persons / Unit				2750		
Plotted						
Size	Area	No. of Plots	No. of units	Total no of Unit	Persons/ unit	Population
7.620 x12.192	92.90	26	2	52	5	260
7.620 x15.240	116.13	112	2	224	5	1120
9.144 x13.125	120.02	13	2	26	5	130
9.144 x 15.240	139.35	80	2	160	5	800
9.144 x 18.288	167.23	229	4	916	5	4580
9.144 x 21.336	195.10	11	4	44	5	220
10.668 x 21.336	227.61	32	4	128	5	640
12.192 x 24.238	295.51	14	4	56	5	280
13.716 x 27.432	376.26	15	5	75	5	375
15.240 x 31.326	477.41	9	6	54	5	270
TOTAL		541		1735		8675

**6. Water calculation details:**

S. No	Particulars	Population	Rate Of Water Supply (Kld)			Water Requirement (Kld)		
			Rate Of Fresh Water Supply (lpcd)	Rate Of Recycled Water Supply (lpcd)	Rate of Total Water Supply (lpcd)	Fresh Water Requirement (lpcd)	Flushing Water Requirement (lpcd)	Total Water Requirement (lpcd)
1	Residential	20320	65	21	86	1320800	426720	1747520
2	School	2072	30	15	45	62160	31080	93240
3	Commercial	1410	30	15	45	42300	21150	63450
4	Mixed Land	2250	65	21	86	146250	47250	193500
5	Health Center	50	225	115	340	11300	5700	17000
6	Other Facilities	25	30	15	45	750	375	1125
7	Total Population	26127	-	-	-	1583560	532275	2115835
8	Floating Population (@10% of Total Population)	2612.7	30	15	45	78381	39190	117571
9	Total Population (Adopted for Infrastructural Facilities)	28739.7				1661941	571465	2233406
Unaccounted @ 15 %						249291	85719	335010
TOTAL WATER REQUIREMENT						LPD	1911232	657185
						KLD	1911.23	657.185
						MLD	1.911	0.657
SAY						MLD	2.00	0.65
<b>Items</b>						<b>Water Demand</b>		
Fresh water demand						2.00 MLD		
Flushing water demand						0.65 MLD		
Waste water available						2.25 MLD		
STP Capacity						2.50 MLD		

7. 30 nos. of rain water harvesting pits with size  $5.0 \times 2.5 \times 2.5 = 31.25 \text{ m}^3$  are proposed under the project.

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

The consultant (EIA Coordinator) also submitted an affidavit dated 28/07/2022 mentioning is as follows:

1. I, Akash Kumar S/o Late Shri R.P. Verma is EIA Coordinator of Paramarsh (Servicing Environment and Development), Lucknow, U.P.
2. I have prepared EIA/EMP report for the File No. 6842, proposal no. SIA/UP/MIS/70815/2022 of the client Shri Ajay Srivastava, Director of M/s Amrawati Residency Pvt. Ltd. for the Integrated Township at Village- Mastemau & Bakkas, Tehsil- Mohanlalganj, Lucknow. 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 of the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with application EIA/EMP are true and correct.
5. I certify that this project 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.
8. The EIA/EMP report for the proposal is prepared by my team as per guidelines laid down by QCI/NABET.

#### **RESOLUTION AGAINST AGENDA NO-04**

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

##### **Additional Conditions:**

1. Since this is Township and Area Development project in which area for different purposes has been allotted, separate Environmental Clearance shall be taken for Group housing & commercial development including health centre etc. having built-up area more than 20,000 sqm as per the provision of EIA Notification 2006 (as amended).
2. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
3. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
4. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
5. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place in the premises for the same.
6. Proponent shall comply with the action plan and CSR plan submitted by PP/consultant at the time of EIA presentation.

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

1. Statutory compliance:
  1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.

2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
2. Air quality monitoring and preservation:
  1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
  2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
  3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
  4. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
  5. Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
  6. Wet jet shall be provided for grinding and stone cutting.
  7. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
  8. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
  9. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
  10. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
  11. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Water quality monitoring and preservation:

1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13. All recharge should be limited to shallow aquifer.
14. No ground water shall be used during construction phase of the project.
15. Any ground water dewatering should be properly managed and shall conform to the a approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
18. No sewage or untreated effluent water would be discharged through storm water drains.
19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is

- commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
  21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
4. Noise monitoring and prevention:
1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
  2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
  3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
5. Energy Conservation measures:
1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
  2. Outdoor and common area lighting shall be LED.
  3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
  4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
  5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
  6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
6. Waste Management :
1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
  2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
  3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.

4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25<sup>th</sup> January, 2016. Ready mixed concrete must be used in building construction.
9. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
7. Green Cover:
  1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
  2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
  3. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
  4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
8. Transport:
  1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
    - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
    - b. Traffic calming measures.
    - c. Proper design of entry and exit points.
    - d. Parking norms as per local regulation.
  2. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
  3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

9. Human health issues :
  1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
  2. For indoor air quality the ventilation provisions as per National Building Code of India.
  3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  4. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
  5. Occupational health surveillance of the workers shall be done on a regular basis.
  6. A First Aid Room shall be provided in the project both during construction and operations of the project.
10. Corporate Environment Responsibility:
  1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
  2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
  3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
  4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
11. Miscellaneous:
  1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
  2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
  3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
  4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
  5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
  6. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.

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

5. **Sand/ Moram Mining from Yamuna Riverbed at Khand No. 14/07 To 14/10, Village- Katri, Tehsil- Manjhanpur District: Kaushambi (U.P.) Shri Achintay Karvariya., Area: 17.0 ha. File No. 6152/Proposal No. SIA/UP/MIN/ 60480/2021**

The committee noted that the matter was earlier discussed in 612<sup>th</sup> SEIAA meeting dated 27/05/2022 and decided as follows:

*“SEIAA noted that SEAC-2 has recommended to grant EC to the above project. SEIAA gone through file and document and found that queries raised by SEAC-2 are not replied satisfactorily by the consultant. Hence SEIAA opined that consultant shall be issued show cause notice for casual approach and the matter shall be referred back to the SEAC-2 for review/comments.”*

As per the direction of SEIAA, the matter was listed in 678<sup>th</sup> SEAC meeting dated 08/08/2022. The committee went through the reply dated 19/07/2022 submitted by project proponent and found it satisfactory. Therefore, the committee again recommended to grant the environmental clearance for the project proposal along with general and specific conditions as earlier stipulated in 654<sup>th</sup> SEAC meeting dated 13/05/2022.



**6. Stone (Sand Stone) Mining at Gata No.- 485 & 486 Vill. Pattikalan, Tehsil- Chunar, District- Mirzapur, Shri Abdul Hamid Ansari, Area-1.818 ha. File No. 6151/Proposal No. SIA/UP/MIN/ 60482/2021**

The committee noted that the matter was earlier discussed in 626<sup>th</sup> SEIAA meeting dated 06/07/2022 and decided as follows:

*“SEIAA noted that the above project was taken in its 620<sup>th</sup> SEIAA meeting in which SEIAA found that as per DSR page no. 62 the above mine was already under operation from 24.03.2010 to 11.04.2020 by the same owner. SEIAA opined that project proponent shall submit the certified compliance report from IRO, MoEFCC, GoI, Lucknow to SEAC-2. SEAC-2 shall deliberate on the certified compliance report and give their recommendation to SEIAA. Hence the project is referred back to SEAC-2. The project proponent has submitted his reply vide letter dated 30.06.2022. SEIAA found that project proponent/consultant has not submitted certified compliance report from IRO, MoEFCC. Hence proponent/consultant shall submit the same.”*

As per the direction of SEIAA, the matter was listed in 678<sup>th</sup> SEAC meeting dated 08/08/2022. The project proponent/consultant submitted the reply to the query along with a letter from Senior Mines Officer, Mirzapur (Letter no. 867/Khanij/2022, dated 30/06/2022). Senior Mines Officer, Mirzapur in its letter dated 30/06/2022 mentioned that the project proponent comply with the conditions mentioned in environmental clearance dated 16/11/2016 issued by DEIAA, Mirzapur. The project proponent also submitted self certified compliance report before the SEAC.

**The committee went through the reply submitted by the project proponent and again recommended to grant the environmental clearance for the project proposal along with environmental clearance as earlier stipulated in 658<sup>th</sup> SEAC meeting dated 24/05/2022.**

**7. Silica Sand Mining at Gata No –part of 136 at Village-Dhara Tehsil-Bara, District- Prayagraj, Shri Adhya Prasad Mishra, M/s Vindh Construction Company, Area – 17.00 ha. File No. 7105/Proposal No. SIA/UP/MIN/77310/2022**

The committee noted that the matter was earlier discussed in 625<sup>th</sup> SEAC meeting dated 05/07/2022 and directed as follows:

*“SEIAA noted that SEAC-2 has recommended to issue standard terms of reference to the project. SEIAA gone through file and documents and found that in mining plan and LOI Silica sand production is mentioned as 50,655 m<sup>3</sup> /annum and no quantification has been done for stone mining. Application for ToR has been made for an annual production of 56,655 m<sup>3</sup> /annum for silica sand and 33,770 m<sup>3</sup> /annum for stone and SEAC-2 has recommended the same for grant of ToR. Hence SEIAA opined to refer back the project to SEAC-2.”*

As per the direction of SEIAA, the matter was listed in 678<sup>th</sup> SEAC meeting dated 08/08/2022. The SEAC examine the matter in depth and observed that in mining plan quantity of silica sand and stone mentioned as 56,655 cum /year & 33,770 cum/year respectively but in approval letter of mining plan and LoI simply mentioned about silica sand only.

In view of above, the committee opined that in this matter to avoid any kind of confusion the column of stone in salient feature should be deleted. Accordingly the committee recommended to grant the terms of reference for the project proposal as earlier prescribed in 663<sup>rd</sup> SEAC meeting dated 16/06/2022 along with revised salient features is as follows:

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

1.	On-line proposal No.	SIA/UP/MIN/77310/2022																																			
2.	File No. allotted by SEIAA, UP	7105																																			
3.	Name of Proponent	<b>M/s Vindh Construction Company</b> Adhya Prasad Mishra (Prop)																																			
4.	Full correspondence address of proponent and mobile no.	S/o Late Kamal Shankar Mishra R/o: Village-Dighiya, Babhni Manda Tehsil- Meja, District- Prayagraj-U.P.-212303 E mail ID - vindhstone78@gmail.com																																			
5.	Name of Project	“Silica Sand Mine” at Gata No –Part of 136 Area –17.00 ha at Village-Dhara Tehsil-Bara, District-Prayagraj, Uttar Pradesh of M/s Vindh Construction Company																																			
6.	Project Location (Plot. Khasra/Gata No.)	Gata No –Part of 136																																			
7.	Name of River	Silica Sand Mine Project (Nearest River Yamuna – 7.0Km (N))																																			
8.	Name of Village	Dhara																																			
9.	Tehsil	Bara																																			
10.	District	Prayagraj																																			
11.	Name of Minor Mineral	Silica Sand Mine Project																																			
12.	Sanctioned Lease Area (in Ha.)	Area- 17.00 ha																																			
13.	Max. & Min mRL within lease area	Highest mRL 119.10 mRL & Lowest mRL 100.20 mRL																																			
14.	Pillar Coordinates (Verified by DMO)	<table><tr><td>Point</td><td>Latitude</td><td>Longitude</td></tr><tr><td>A</td><td>25°16'57.43"N</td><td>81°39'43.93"E</td></tr><tr><td>B</td><td>25°16'57.35"N</td><td>81°39'51.64"E</td></tr><tr><td>C</td><td>25°16'52.23"N</td><td>81°39'56.34"E</td></tr><tr><td>D</td><td>25°16'46.26"N</td><td>81°39'58.61"E</td></tr><tr><td>E</td><td>25°16'39.25"N</td><td>81°39'53.96"E</td></tr><tr><td>F</td><td>25°16'34.14"N</td><td>81°39'45.88"E</td></tr><tr><td>G</td><td>25°16'35.89"N</td><td>81°39'44.16"E</td></tr><tr><td>H</td><td>25°16'38.54"N</td><td>81°39'47.72"E</td></tr><tr><td>I</td><td>25°16'45.29"N</td><td>81°39'51.11"E</td></tr><tr><td>J</td><td>25°16'49.87"N</td><td>81°39'42.42"E</td></tr></table>	Point	Latitude	Longitude	A	25°16'57.43"N	81°39'43.93"E	B	25°16'57.35"N	81°39'51.64"E	C	25°16'52.23"N	81°39'56.34"E	D	25°16'46.26"N	81°39'58.61"E	E	25°16'39.25"N	81°39'53.96"E	F	25°16'34.14"N	81°39'45.88"E	G	25°16'35.89"N	81°39'44.16"E	H	25°16'38.54"N	81°39'47.72"E	I	25°16'45.29"N	81°39'51.11"E	J	25°16'49.87"N	81°39'42.42"E		
Point	Latitude	Longitude																																			
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I	25°16'45.29"N	81°39'51.11"E																																			
J	25°16'49.87"N	81°39'42.42"E																																			
15.	Total Geological Reserves	Silica sand – 31, 87,266 m <sup>3</sup>																																			
16.	Total Mineable Reserve	Silica sand – 25, 11,157 m <sup>3</sup>																																			
17.	Total Proposed Production	Silica sand – 2,53,275 m <sup>3</sup> (5 years)																																			
18.	Proposed Production /year (as per LoI)	Silica sand- 50,655 m <sup>3</sup> /annum																																			
19.	Sanctioned Period of Mine lease	5 years																																			
20.	Method of Mining	Opencast, /Semi-mechanized method																																			
21.	No. of working days	300																																			
22.	Working hours/day	8																																			
23.	No. of worker	81																																			
24.	No. of vehicles movement/day	28																																			
25.	Type of Land	Govt./Non Forest Land																																			
26.	Depth of Mining	12.0 m																																			
27.	Nearest metalled road from site	0.10 km																																			
28.	Water Requirement	<table><tr><td colspan="2">PURPOSE</td></tr><tr><td>Drinking</td><td>- 81 KLD</td></tr><tr><td>Suppression of dust</td><td>- 1.20 KLD</td></tr><tr><td>Plantation</td><td>- 17.0 KLD</td></tr><tr><td>Others (if any)</td><td>- 0.00 KLD</td></tr><tr><td>Total</td><td>- 18.0 KLD</td></tr></table>			PURPOSE		Drinking	- 81 KLD	Suppression of dust	- 1.20 KLD	Plantation	- 17.0 KLD	Others (if any)	- 0.00 KLD	Total	- 18.0 KLD																					
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Others (if any)	- 0.00 KLD																																				
Total	- 18.0 KLD																																				
29.	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																																			
30.	Any litigation pending against the	No																																			

	project or land in any court	
31.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No –4892/Khanij/2021-22, dated - 04/02/2022
32.	Details of Lease Area in approved DSR	Serial no.03
33.	Project Cost	1.70 Crore
34.	Proposed CER cost	3.40 lacs
35.	Length and breadth of Haul Road	Length – 0.10 km, Breadth – 6.00 m
36.	No. of Trees to be Planted	17,000

**8. Stone (Sand Stone) Mining at Gata No.-180/2, at Village- Bhagautidei, Tehsil- Chunar, District- Mirzapur, Shri Mahusoodan Singh, M/s Maa Vindhvavasini Construction, Area -1.21 ha. File No. 6123/Proposal No. SIA/UP/MIN/ 59848/2021**

The committee noted that the matter was earlier discussed in 668<sup>th</sup> SEAC meeting dated 27/06/2022 and decided as follows:

*“SEIAA noted that SEAC-2 has recommended to grant EC to the above project. SEIAA gone through file and document and found that queries raised by SEAC-2 are not replied satisfactorily by the consultant. Hence SEIAA opined that consultant shall be issued show cause notice for casual approach and the matter shall be referred back to the SEAC-2 for review/comments.”*

*As per the direction of SEIAA, the matter was listed in 668<sup>th</sup> SEAC meeting dated 27/06/2022. The committee discussed the matter and opined that the project proponent/consultant should present before SEAC for clarification regarding the observation given by SEIAA.”*

As per the direction of SEIAA, the matter was listed in 678<sup>th</sup> SEAC meeting dated 08/08/2022. The committee went through the reply dated 08/08/2022 submitted by project proponent and found it satisfactory. Therefore, the committee again recommended to grant the environmental clearance for the project proposal along with general and specific conditions as earlier stipulated in 654<sup>th</sup> SEAC meeting dated 13/05/2022.

**9. Sand/Morrum Mining from Dhasan River bed at Gata No.-1419 Kha, Khand No.- 01, Villlage- Dhamnaud, Tehsil- Garautha, District- Jhansi, U.P. Shri Vipin Kumar Saxena, Area-24.00 ha. File No. 5860/5578/Proposal No. SIA/UP/MIN/ 56882/2020**

A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. The project proponents submit the following chronological events regarding the project:

S.N.	Events	Date
1.	Terms of reference issued by SEIAA	08/06/2020
2.	Public hearing conducted by UPPCB	22/08/2020
3.	Final EIA report uploaded on Parivesh Portal	22/09/2020
4.	Project listed in 497 <sup>th</sup> SEAC meeting dated 05/10/2020	The committee observed that a complaint letter dated 04/10/2020 has been received from Shri Gulshan Yadav ( <a href="mailto:ygulshan084@gmail.com">ygulshan084@gmail.com</a> ). The committee discussed the complaint letter dated 04/10/2020 and decided that a complaint letter should be sent to the District Magistrate, Jhansi and District Mining Officer, Jhansi, Director, Geology and Mining Department, Lucknow and Regional officer, UPPCB Jhansi for providing the factual report on the matter within 15 days.

**Minutes of 678<sup>th</sup> SEAC-2 Meeting Dated 08/08/2022**

		The committee also directed that a copy of the letter should be sent to the project proponent and for necessary action. The matter shall be discussed after receipt of factual report.
5.	Project listed in 518 <sup>th</sup> SEAC meeting dated 05/01/2021	The Secretariat sent a letter dated 04/11/2020 to District Magistrate, Jhansi for providing the factual report of the site. Deputy District Magistrate, Jhansi, Senior Mining Officer, Jhansi and Regional Officer, UPPCB, Jhansi inspect the site on 23/11/2020 and provide the factual report to the Directorate vide letter dated 18/12/2020. The committee observed that as per factual report received from District Magistrate, Jhansi vide letter no. 1744/30 MMC/2020-21 dated 18/12/2020, the complaint of Mr. Gulshan Yadav is baseless. Hence, the complaint is disposed.
6.	Project listed in 523 <sup>rd</sup> SEAC meeting dated 09/02/2021	The committee further observed the baseline monitoring data submitted by the project proponent/consultant is from January 08, 2020 to March 24, 2020 (only 75 days) which does not fulfil the requirement of (90 days) mentioned in MoEF&CC guidelines. As per the MoEF&CC notification the baseline monitoring data should be collected in any of the block period i.e. from March to May (summer season), October to December (post monsoon season) and December to February (winter season). It appears that the proper norms for the monitoring have not been followed. A clarification from project proponent and RO, Pollution Control Board, Jhansi is required regarding the commencement of public hearing meeting/monitoring of baseline data on the basis of above facts.
7.	Project listed in 571 <sup>st</sup> SEAC meeting dated 16/09/2021	The Secretariat sent a letter dated 24/03/2021 to Member Secretary, UP Pollution Control Board, Lucknow to provide the clarification regarding commencement of public hearing meeting/monitoring of baseline data on the basis of above facts. The Regional Officer, UP Pollution Control Board, Jhansi vide letter no. 06/PH-215/2021, dated 03/04/2021 informed that the minutes of public hearing report has already been sent vide letter no. 310/PH-215/2020, dated 15/09/2020 for necessary action. The letter of Regional Officer, UP Pollution Control Board, Jhansi was put up by the Secretariat in 474 <sup>th</sup> SEIAA meeting dated 09/06/2021 and the SEIAA opined that the letter shall be sent to SEAC for review/ comments. As per the direction of SEIAA, the matter was listed in 571st SEAC meeting dated 16/09/2021 and the project proponent also present in the meeting. During the meeting, the project proponent requested the committee to allow to make presentation regarding one season additional baseline monitoring data submitted by the project proponent. The committee accepted the request made by the project proponent. The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions.
8.	Project listed in 510 <sup>th</sup> SEIAA meeting dated 08/11/2021	SEIAA opined that fresh public hearing should be conducted as per EIA notification 2006 (as amended).
9.	As per direction of SEIAA fresh Public Hearing for the project was conducted in the Meeting Hall Tehsil-Garautha District –Jhansi. U.P.	On dated 06/05/2022

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

1. The environmental clearance is sought for Sand/Morrum Mining from Dhasan Riverbed at Gata No. 1419 Kh Khand No.- 01 Village- Dhamnaud, Tehsil- Garautha ,District- Jhansi U.P., (Leased Area – 24.00 Ha).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 110/Parya/SEAC/5578/2019 dated 08/06/2020.
3. The fresh public hearing was organized on 06/05/2022 in the Meeting Hall Tehsil- Garautha District –Jhansi. U.P.
4. Salient features of the project as submitted by the project proponent:

1.	On Line Proposal No.	SIA/UP/MIN/56882/2020		
2.	File No. allotted by SEIAA, UP	5860/5578		
3.	Name of Proponent	Sri Vipin Kumar Saxena S/o Sri Om Prakash Saxena		
4.	Full correspondence address of proponent and mobile no.	R/o- MIG –A/135 , Aashiyana Pratham , Tehsil and District Moradabad U.P		
5.	Name of Project	Sand Morrum Mining		
6.	Project Location(Plot.Khsra/Gata No.)	Khand No.- 01Gata No. 1419 Kh		
7.	Name of River	Dhasan River		
8.	Name of Village	Dhamnaud		
9.	Tehsil	Garautha		
10.	District	Jhansi		
11.	Name of Minor Mineral	Sand/Morrum		
12.	Sanctioned Lease Area (in Ha.)	24.0 Ha.		
13.	Max. & Min mRL within lease area	121.0 mRL & 128.5 mRL		
14.	Pillar Coordinates (Verified by DMO)	POINT	LATTITUDE	LONGITUDE
		A	25°40'42.00"N	79°23'03.70"E
		B	25°40'51.10"N	79°23'04.40"E
		C	25°40'59.60"N	79°23'06.10"E
		D	25°41'04.40"N	79°23'04.10"E
		E	25°41'08.80"N	79°23'01.50"E
		F	25°41'11.80"N	79°22'58.40"E
		G	25°41'15.60"N	79°22'52.10"E
		H	25°41'22.17"N	79°22'37.78"E
		I	25°41'25.13"N	79°22'38.44"E
		J	25°41'20.80"N	79°22'54.50"E
		K	25°41'16.30"N	79°23'03.60"E
		L	25°41'07.90"N	79°23'10.00"E
		M	25°40'57.30"N	79°23'11.60"E
		N	25°40'54.80"N	79°23'10.90"E
		O	25°40'48.30"N	79°23'08.40"E
		P	25°40'40.31"N	79°23'03.62"E
15.	Total Geological Reserves	7,20,000m <sup>3</sup> /Annum		
16.	Total Mineable Reserve	2,55,767m <sup>3</sup> /Annum		
17.	Proposed Production/ Year	2,50,000 m <sup>3</sup>		
18.	Sanctioned Period of Mine lease	5 Years		
19.	Method of Mining	Open cast Manual / Semi Mechanized Mining Method/Bar Scalping or skim mining (as per IBM rules & SSMMG, 2016)		
20.	No. of working days	225 Days		
21.	Working hours/day	8 Hours		
22.	No. of workers	90 Worker		
23.	No. of vehicles movement/day	123Trucks / Day		
24.	Type of Land	River Bed (Govt. Land)		
25.	Ultimate of Depth of Mining	1.3 m		
26.	Nearest metalled road from site	1.0 Km		
27.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking	0.9	
		Suppression of dust	12.0	

		Plantation	3.17
		Others (if any)	-
		Total	16.07 KLD
28.	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult Certificate No- NABET/EIA/1821/RA0098 Period of Validity- 24-10-2022	
29.	Any litigation pending against the project or land in any court	No	
30.	Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No1630/30 M.M.C /(2019-20) Date-03.02.2020	
31.	Details of Lease Area in approved DSR	Yes (Page No: 52, Table No:13 & Sr, No: 01)	
32.	Proposed EMP cost	23.01 Lac	
33.	Proposed total Project cost	1.08 Crore	
34.	Length and breadth of Haul Road	1000 mtr Length & 6m width haulage road	
35.	No. of Trees to be Planted	792 Trees	
36.	Monitoring Period	October 2020 – December 2020	

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 06/08/2022 mentioning is as follows:

1. I, Umesh Pratap Singh Chauhan S/o Late. Surya Pal Singh Chauhan am EIA Coordinator of Ind Tech House Consult.
2. I have prepared EIA Report for the Proposal No. (SIA/UP/MIN/56882/2020, File No'-5860/5578 Project Name- Shri Vipin Kumar Saxena Mining at Khand No.'1 Gata -1419 Kh Village-Dhamnaud, Tehsil-Garautha, Jhansi, U.P. Area -24.00Ha with my team.
3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information required submitted alongwith Application / EIA are true and correct.
5. I certify that this project has been uploaded for this first time on Parivesh portal.
6. I certify that there is no mismatch between information/data provided on online application submitted on Parivesh Portal and hard copy/presentation submitted 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 guidelines laid down by QCI/NABET.

### **RESOLUTION AGAINST AGENDA NO. 09**

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

1. In compliance of Hon'ble NGT Order dated 06.05.2022, for subsequent years, Project Proponent shall submit fresh annual replenishment study to SEIAA, UP for amendment in EC for mineable quantity and maximum permissible depth for mining based on scientific findings of replenishment study. Such study shall be placed before SEAC for appraisal for next three years to assess rate of deposition and accordingly, mineable production capacity and depth can be prescribed based on trends analysis, provided it is found scientifically satisfactory by the SEAC. The placing of the study report SEAC is mandatory for initial three years.
  2. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be obtained before start of mining activity.
  3. The project proponent shall install solar light in their site office.
  4. 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.
  5. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
  6. 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.
  7. 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.
  8. The project proponent should explore the possibilities of rainwater harvesting.
  9. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
  10. 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.
  11. As per the proposed plan, plantation with area specific plant species, number of plants to be planted.
  12. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ water supplying agencies to be submitted.
10. **Silica Mining at Gata No-728, 732, part of 729, part of 731, part of 734, part of 888, part of 889mi, Village-chhatehra/gurehtha (block-4) Tehsil-Bara, District-Pravagraj, Shri Ganesh Deen Sonekar, Area-4.1467 ha. File No. 7106/Proposal No. SIA/UP/MIN/77302/2022**

The committee noted that the matter was earlier discussed in 628<sup>th</sup> SEAC meeting dated 08/07/2022 and directed as follows:

*"SEIAA noted that SEAC-2 has recommended to issue ToR to the above project. SEIAA gone through file and documents and found that application is made for - 11,114 m<sup>3</sup> /annum (50%) of Silica sand and 11,114 m<sup>3</sup> /annum (50%) of Stone whereas in mining plan approval letter and LOI total minable reserve of silica sand is mentioned as 11,114 m<sup>3</sup> /annum only. Hence SEIAA opined to refer back the project to SEAC-2 for review."*

As per the direction of SEIAA, the matter was listed in 678<sup>th</sup> SEAC meeting dated 08/08/2022. The SEAC examine the matter in depth and observed that in mining plan quantity of silica sand and stone mentioned as 11,114 cum /year & 11,114 cum/year respectively but in approval letter of mining plan and LoI simply mentioned about silica sand only.

In view of above, the committee opined that in this matter to avoid any kind of confusion the column of stone in salient feature should be deleted. Accordingly the committee recommended to grant the terms of reference for the project proposal as earlier prescribed in 664<sup>th</sup> SEAC meeting dated 17/06/2022 along with revised salient features is as follows:

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

1.	On-line proposal No.	SIA/UP/MIN/77310/2022																							
2.	File No. allotted by SEIAA, UP	7106																							
3.	Name of Proponent	M/s G.S. Contractors Ganesh Deen Sonekar (Prop)																							
4.	Full correspondence address of proponent and mobile no.	S/o Shri Seeta Ram R/o-Ward No.07/10, Ajmatganj Thana-Pipri, Tehsil-Chayal Distt-Kaushambi (U.P) E mail ID - ganeshsonkar1965@gmail.com																							
5.	Project Location (Plot. Khasra/Gata No.)	728, 732, part of 729, part of 731, part of 734, part of 888, part of 889 mi																							
6.	Name of River	“Silica Sand Mine” project, nearest river is Yamuna River – 6.0 Km (NW)																							
7.	Name of Village	Chhatehra/Gurehtha (block-4)																							
8.	Tehsil	Bara																							
9.	District	Prayagraj																							
10.	Name of Minor Mineral	“Silica Sand Mine”																							
11.	Sanctioned Lease Area (in Ha.)	Area- 4.1467																							
12.	Max. & Min mRL within lease area	Highest mRL 112.50 mRL Lowest mRL 103.0 mRL																							
13.	Pillar Coordinates (Verified by DMO)	<table><tr><td>Point</td><td>Latitude</td><td>Longitude</td></tr><tr><td>A</td><td>25°18' 07.10"</td><td>81°40' 25.80"</td></tr><tr><td>B</td><td>25°18' 03.44"</td><td>81°40' 34.04"</td></tr><tr><td>C</td><td>25°17' 59.17"</td><td>81°40' 27.86"</td></tr><tr><td>D</td><td>25°17' 59.88"</td><td>81°40' 26.46"</td></tr><tr><td>E</td><td>25°17' 55.79"</td><td>81°40' 21.66"</td></tr><tr><td>F</td><td>25°17' 56.33"</td><td>81°40' 20.46"</td></tr></table>			Point	Latitude	Longitude	A	25°18' 07.10"	81°40' 25.80"	B	25°18' 03.44"	81°40' 34.04"	C	25°17' 59.17"	81°40' 27.86"	D	25°17' 59.88"	81°40' 26.46"	E	25°17' 55.79"	81°40' 21.66"	F	25°17' 56.33"	81°40' 20.46"
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E	25°17' 55.79"	81°40' 21.66"																							
F	25°17' 56.33"	81°40' 20.46"																							
14.	Total Geological Reserves	Quantity of silica sand – 8, 00,895 m <sup>3</sup>																							
15.	Total Mineable Reserve	Quantity of silica sand – 3, 73,744 m <sup>3</sup>																							
16.	Total Proposed Production	Quantity of Silica sand – 55,570 m <sup>3</sup> /annum (5 years)																							
17.	Proposed Production /year (as per LoI)	Quantity of Silica sand - 11,114 m <sup>3</sup> /annum																							
18.	Sanctioned Period of Mine lease	Lease period – 30 years Plan period -5 years																							
19.	Method of Mining	Opencast, /Semi-mechanized method																							
20.	No. of working days	300																							
21.	Working hours/day	8																							
22.	No. of worker	21																							
23.	No. of vehicles movement/day	08																							
24.	Type of Land	Govt./Non Forest Land																							
25.	Depth of Mining	6.0 m																							
26.	Nearest metalled road from site	0.30 km																							
27.	Water Requirement	PURPOSE Drinking - 0.21 KLD Suppression of dust - 3.60 KLD Plantation - 7.00 KLD Others (if any) - 0.00 KLD Total - 7.81 KLD																							
28.	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																							
29.	Any litigation pending against the project or land in any court	No																							
30.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No –4895/Khanij/2021-22, dated - 04/02/2022																							



31.	Details of Lease Area in approved DSR	Serial no. 04, Date 01/04/2021
32.	Project Cost	91.98 Lacs
33.	Proposed CER cost	1.84 lacs
34.	Length and breadth of Haul Road	Length – 0.30 km, Breadth – 6.00 m
35.	No. of Trees to be Planted	4000

**11. Silica Sand Mining at Gata No-720, part of 719, Village-Chhatehra/ Gurehtha (block-5) Tehsil-Bara, Prayagraj, Smt. Shashikala Pandey, Area-10.231 ha. File No. 7107/Proposal No. SIA/UP/MIN/77234/2022**

The committee noted that the matter was earlier discussed in 628<sup>th</sup> SEIAA meeting dated 08/07/2022 and directed as follows:

*“SEIAA noted that SEAC-2 has recommended to issue ToR to the above project. SEIAA gone through file and documents and found that application is made for – 30,833 m<sup>3</sup> /annum (60%) of Silica sand and 20,556 m<sup>3</sup> /annum (40%) of Stone whereas in mining plan approval letter and LOI total minable reserve of silica sand is mentioned as 30,833 m<sup>3</sup> /annum only. Hence SEIAA opined to refer back the project to SEAC-2 for review.”*

As per the direction of SEIAA, the matter was listed in 678<sup>th</sup> SEAC meeting dated 08/08/2022. The SEAC examine the matter in depth and observed that in mining plan quantity of silica sand and stone mentioned as 30,833 cum /year & 20,556 cum/year respectively but in approval letter of mining plan and LoI simply mentioned about silica sand only.

In view of above, the committee opined that in this matter to avoid any kind of confusion the column of stone in salient feature should be deleted. Accordingly the committee recommended to grant the terms of reference for the project proposal as earlier prescribed in 664<sup>th</sup> SEAC meeting dated 17/06/2022 along with revised salient features is as follows:

**1. Salient features of the project as submitted by the project proponent:**

1.	On-line proposal No.	SIA/UP/MIN/77234/2022												
2.	File No. allotted by SEIAA, UP	7107												
3.	Name of Proponent	<u>Smt. Shashikala Pandey</u> Adhya Prasad Mishra (Prop)												
4.	Full correspondence address of proponent and mobile no.	W/o Shri Vidyasagar Pande R/o – 31, Gangotri Nagar, Dandi, Prayagraj, Uttar Pradesh E mail ID - vspandeyudmri@gmail.com												
5.	Project Location (Plot. Khasra/Gata No.)	Gata No – 720, part of 719												
6.	Name of River	Silica Sand Mine Project Nearest River Yamuna – 5.75 Km (N)												
7.	Name of Village	chhatehra/gurehtha (block-5)												
8.	Tehsil	Bara												
9.	District	Prayagraj												
10.	Name of Minor Mineral	Silica Sand Mine Project												
11.	Sanctioned Lease Area (in Ha.)	Area- 10.231ha												
12.	Max. & Min mRL within lease area	Highest mRL 109 mRL & Lowest mRL 105.50 mRL												
13.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Point</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr> <td>A</td><td>25°18' 08.27"</td><td>81°40' 51.00"</td></tr> <tr> <td>B</td><td>25°18' 05.73"</td><td>81°40' 55.59"</td></tr> <tr> <td>C</td><td>25°18' 00.01"</td><td>81°40' 00.25"</td></tr> </tbody> </table>	Point	Latitude	Longitude	A	25°18' 08.27"	81°40' 51.00"	B	25°18' 05.73"	81°40' 55.59"	C	25°18' 00.01"	81°40' 00.25"
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		D	25°17' 56.97"	81°40' 55.40"
		E	25°17' 53.25"	81°40' 52.23"
		F	25°17' 56.17"	81°40' 45.07"
		G	25°17' 56.06"	81°40' 41.34"
		H	25°17' 58.62"	81°40' 42.94"
		I	25°17' 59.50"	81°40' 40.40"
14.	Total Geological Reserves	Silica sand – 31, 87,266 m <sup>3</sup>		
15.	Total Mineable Reserve	Quantity of silica sand – 16, 48,425 m <sup>3</sup>		
16.	Total Proposed Production	Silica sand – 1,54,165 m <sup>3</sup> (5 years)		
17.	Proposed Production /year (as per LoI)	Proposed production : Quantities of Silica sand 30,833 m <sup>3</sup> /annum		
18.	Sanctioned Period of Mine lease	Lease period – 30 years Plan Period - 5 years		
19.	Method of Mining	Opencast, /Semi-mechanized method		
20.	No. of working days	300		
21.	Working hours/day	8		
22.	No. of worker	49		
23.	No. of vehicles movement/day	18		
24.	Type of Land	Govt./Non Forest Land		
25.	Depth of Mining	12.0 m		
26.	Nearest metalled road from site	0.50 km		
27.	Water Requirement	PURPOSE		
		Drinking - 0.49 KLD		
		Suppression of dust - 6.00 KLD		
		Plantation - 10.00 KLD		
		Others (if any) - 0.00 KLD		
		Total - 16.50 KLD		
28.	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		
29.	Any litigation pending against the project or land in any court	No		
30.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No –4893/Khanij/2021-22, dated - 04/02/2022		
31.	Details of Lease Area in approved DSR	Serial no.01, 01/04/2021		
32.	Project Cost	1.30 Crore		
33.	Proposed CER cost	2.60 lacs		
34.	Length and breadth of Haul Road	Length – 0.50 km, Breadth – 6.00 m		
35.	No. of Trees to be Planted	10,000		

**12. Discussion on Hon'ble NGT, Principal Bench, New Delhi order dated 04/07/2022 in the matter of OA No. 212/2021.**

The committee went through the Hon'ble NGT, Principal Bench, New Delhi order dated 04/07/2022 in the matter of OA No. 212/2021 and opined that the project proponent along with consultant should be present before the SEAC and present their environmental clearance, proposals & PowerPoint presentation on which basis EC was granted along with compliance report of environmental clearance conditions imposed by SEIAA.

The Secretariat is also requested to put documents/presentation before the SEAC on which basis the EC was granted. District Mining Officer, Jalaun should also be called to put their point of view before the committee.

**13. Stone Khanda, Gitti, Boulder & Red Morrum Mining at Gata No. 384, Vill.-Tooka, Tehsil-Rath, Hamirpur, Shri Jagdish Singh, Area: 0.701 Ha. File No. 7068/6177/Proposal No. SIA/UP/MIN/74920/2021**

The case was considered in 619<sup>th</sup> SEIAA Meeting Dated 20/06/2022, wherein:

*“SEIAA noted that SEAC-2 has recommended to grant EC to the above project. SEIAA also gone through the complaint letter of Shri Gaurav Kumar Srivastva Allahabad received in the office via e-mail dated 20.06.2022. The complaint states that SEAC-1 had raised some queries regarding the monitoring period, so the consultant/PP presented the case in SEAC-2 with the same data and got it approved. Hence SEIAA opined that the complaint letter shall be sent to SEAC-1 for information and SEAC-2 for review/comments.”*

As per the direction of SEIAA, the matter was listed in 678<sup>th</sup> SEAC meeting dated 08/08/2022. The SEAC again examine the matter in depth and observed that: -

The Project Proponent Shri Jagdish Singh with the environmental consultant M/s Globus Environment Services Lucknow again applied online for Prior Environment Clearance for proposed project Stone (Khanda, Gitti , Boulder & Red Morrum) Mining at Gata No.-384, Vill.-Tooka, Tehsil-Rath, Hamirpur, area-0.701 Ha. on Parivesh Portal of the Govt. of India on 06/05/2022 and got an online proposal no. SIA/UP/MIN/74920/2021. Chronologically, the case was considered in 657<sup>th</sup> SEAC-2 Meeting Dated 23/05/2022, wherein:

“...The consultant (EIA Coordinator) also submitted an affidavit dated 20/05/2022 mentioning as follows:

1. I, Mr. Akhilesh Gupta S/o Sri. Omkar Gupta is EIA Coordinator of M/s Globus Environment Engineering Services.
2. I have prepared EIA/ EMP report for the Proposal number (SIA/UP/MIN/74920/2021 & Building Stone “Khanda, Gitti, Boulder & Red Morrum Mining Project” at Gata No. 384, Area: 0.701 Ha, Village: Tooka, Tehsil: Rath, District: Hamirpur, State: Uttar Pradesh.) with my team.
3. I have personally visited the site of proposal.
4. I have satisfied with that all the necessary data/information required for EIA/ EMP preparations are true and correct.
5. I certify that no mining activity has been undertaken on the project site for the present proposal.
6. **I certify that this project has been uploaded for the first time on Parivesh Portal.**
7. I certify that there is no mismatch between information/data provided on online application and hard copy/ presentation submitted.
8. 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.

On the basis of affidavit dated 20/05/2022 and other documents submitted by Project Proponent/consultant the case was considered and recommended grant of environmental clearance for the project proposal along with general and specific conditions in 657<sup>th</sup> SEAC-2 Meeting Dated 23/05/2022.

SEAC-2 also noted that based on the compliant letter of Mr. Gaurav Srivastava, Advocate, Hon'ble High Court Allahabad, Chamber No. 110, Allahabad U.P and the replies submitted by M/s Globus Environment Services Lucknow, the Directorate of environment vide its office order no. 459/Parya /SEIAA /7068 /2022 dated: 13/07/2022 restricted the environment consultant M/s Globus Environment Services Lucknow to make any application/presentation before the SEIAA/SEAC, U.P.

**The SEAC-2 examine the case on the basis of facts/information/documents provided by consultant. It is clearly observed that the consultant submitted false and misleading information and hide the actual facts. Therefore, in the light of above observations and facts, SEAC-2 withdraws its recommendation for grant of environmental clearance for the aforesaid project.**

**(Prof. Jaswant Singh)  
Member, SEAC-2**

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

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

**(Tanzar Ullah Khan)  
Member, SEAC-2**

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

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

**(Ashish Tiwari)  
Member-Secretary, SEAC-2**

**Nodal, SEAC-2**

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

**Annexure-1**

**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 Parishad/ 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 order of Hon'ble NGT/Hon'ble Courts (s)). 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 pouches, plastic bags, glasses etc. to be generated during project activity will be separately stored 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.