

### **Minutes of 708<sup>th</sup> SEAC-1 Meeting Dated 01/12/2022**

The 708<sup>th</sup> meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 01/12/2022. Following members participated in the meeting:

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

The Chairman welcomed the members to the 708<sup>th</sup> SEAC-1 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-1 informed the committee that the agenda has been approved by the Member Secretary, SEAC-1/Director Environment. Nodal Officer, SEAC-1 placed the agenda items along with the available file and documents before the SEAC-1.

#### **1. “Building Stone (Sand Stone)” Project at Arazi No.-360, Village– Adhwar, Tehsil-Chunar, District–Mirzapur, U.P., Shri Arjun Singh, Area – 1.01 ha., File No. 7351/6914/ Proposal No. SIA/UP/MIN/405107/2022**

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

1. The environmental clearance is sought for Building Stone (Sandstone) Mining at Arazi/Gata no.- 360, Village-Adhwar, Tehsil-Chunar, District-Mirzapur, U.P., (Leased Area-1.01 ha.).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 41/Parya/SEAA/ 6914 /2022 dated- 06/05/2022.
3. The Public Hearing was organized on 06/08/2022. Final EIA Report was submitted by the Project Proponent on 15/11/2022.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/405107/2021
2.	File No. allotted by SEIAA, UP	7351/6914
3.	Name of Proponent	Shri Arjun Singh
4.	Full correspondence address of proponent	Shri Arjun Singh R/o Hinauti Mafi, Gothaura, Mirzapur. E-mail Id- shriarjunsingh5418@gmail.com
5.	Name of Project	Building Stone (Sandstone) Mining Village –Adhwar, Tehsil- Chunar, District–Mirzapur, Uttar Pradesh
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. – 360, Village –Adhwar, Tehsil-Chunar, District–Mirzapur, Uttar Pradesh
7.	Name of River	NA
8.	Name of Village	Adhwar
9.	Tehsil	Chunar
10.	District	Mirzapur
11.	Name of Minor Mineral	Building Stone (Sandstone) Mining
12.	Sanctioned Lease Area (in Ha.)	1.01 ha.
13.	Max. & Min mRL within lease area	Highest mRL is 115.6 & Lowest is 106.4mRL
14.	Pillar Coordinates (Verified by DMO)	

		Pillars	N	E
		A	25° 04'04.1"N	82°59'55.2"E
		B	25° 03'59.4"N	82°59'55.5"E
		C	25° 03'59.4"N	82°59'53.3"E
		D	25° 04'04.3"N	82°59'52.8"E
15.	Total Geological Reserves	567169 m <sup>3</sup>		
16.	Total Mineable Reserve (as per Approved Mine Plan)	217977 m <sup>3</sup>		
17.	Total Proposed Production	50500 m <sup>3</sup> (in 5 years)		
18.	Proposed Production /year	10100 m <sup>3</sup> /year		
19.	Sanctioned Period of Mine lease	20 years		
20.	Method of Mining	Opencast, Semi-Mechanized		
21.	No. of working days	275		
22.	Working hours/day	8		
23.	No. of worker	21		
24.	No. of vehicles movement/day	14		
25.	Type of Land	Revenue land		
26.	Ultimate of Depth of Mining	Upto 85mRL		
27.	Nearest metalled road from site	340 m		
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking	0.21 KLD	
		Suppression of dust	1.36 KLD	
		Plantation	1.0 KLD	
		Others (if any)	-	
		Total	2.57 KLD	
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s AWS Envirotech (OPC) Pvt. Ltd 2 <sup>nd</sup> floor Devpuri plaza, Neelgiri crossing, Faizabad road, Indranagar , Lucknow-226016, U.P. Certificate no. NABET/EIA/2225/IA 0097 (Rev.01) Valid Till July 14,2025		
30.	Any litigation pending against the project or land in any court	No		
31.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 941/khanij/sl no./2021		
32.	Details of Lease Area in approved DSR	1.01 ha.		
33.	Proposed CER cost	Rs. 1.42 Lakhs		
34.	Proposed EMP cost	Total project cost- Rs. 71 Lakhs, EMP Cost 5.5 Lakhs (As Capital Cost) And 4.0 Lakhs Per Annum (As Recurring Cost)		
35.	Length and breadth of Haul Road	340 m & 6 m		
36.	No. of Trees to be Planted	1000		

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

The consultant (EIA Coordinator) also submitted an affidavit dated 31/10/2022 mentioning is as follows:

1. I, Sandeep Kumar, S/o Sri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.

2. I have prepared the EIA/EMP report for the proposal Building Stone (Sandstone) Mining at Araj/Gata no.- 360, Village-Adhwar, Tehsil-Chunar, District-Mirzapur, U.P., (Leased Area-1.01 ha.) by Shri Arjun Singh with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with EC application are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. 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.
7. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which will be submitted after acceptance of application.
8. The EIA report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 01**

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

1. The project proponent shall install solar light in their site office.
2. 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.
3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
4. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
6. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
7. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
8. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
9. 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.
10. 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.
11. The project proponent should explore the possibilities of rainwater harvesting.

12. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
13. 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.
14. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the concerning department

**2. “Ordinary Soil Excavation” Project at Gata No.–356, 364, 365 & 368 in the Village- Salempur Mustakam, Tehsil-Kanth & District- Moradabad, U.P., Shri Rishipal Singh, Area – 1.300 ha., File No. 7353/ Proposal No. SIA/UP/MIN/406589/2022**

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

1. The environmental clearance is sought for “Ordinary Soil Excavation” Project at Gata No. 356, 364, 365, 368, Village- Salempur Mustakam, Tehsil- Kanth & District- Moradabad, Uttar Pradesh, (Leased Area: 1.300 Ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On Line Proposal No.	SIA/UP/MIN/406589/2022																																													
2.	File No. allotted by SEIAA, UP	7353																																													
3.	Name of Proponent	Shri Rishipal Singh S/o Shri Tularam Singh																																													
4.	Full correspondence address of proponent and mobile no.	R/o Village- Bhatawali, PO- Kazipura, Tehsil & District- Moradabad, U.P.																																													
5.	Name of Project	Proposed “Ordinary Soil Excavation” Project named Rishipal Singh at Gata No.– 356, 364, 365, 368 in the Village- Salempur Mustakam, Tehsil- Kanth & District- Moradabad, Uttar Pradesh. (Area: 1.300 Ha.)																																													
6.	Project Location (Plot.Khsra/Gata No.)	Gata No.–356, 364, 365, 368																																													
7.	Name of Village	Salempur Mustakam																																													
8.	Tehsil	Kanth																																													
9.	District	Moradabad																																													
10.	Name of Minor Mineral	Ordinary Soil																																													
11.	Sanctioned Lease Area (in Ha.)	1.300 Ha																																													
12.	Max. & Min mRL within lease area	202.00 mRL & 200.00mRL																																													
13.	Pillar Coordinates (Verified by DMO)	<table border="1"> <tr> <td align="center" colspan="2">GATA NO.</td><td align="center">356</td></tr> <tr> <td align="center">A</td><td align="center">29° 6'22.71"N</td><td align="center">78°37'55.66"E</td></tr> <tr> <td align="center">B</td><td align="center">29° 6'24.30"N</td><td align="center">78°37'56.99"E</td></tr> <tr> <td align="center">C</td><td align="center">29° 6'22.89"N</td><td align="center">78°37'58.63"E</td></tr> <tr> <td align="center">D</td><td align="center">29° 6'21.57"N</td><td align="center">78°37'57.54"E</td></tr> <tr> <td align="center" colspan="2">GATA NO.</td><td align="center">368</td></tr> <tr> <td align="center">A</td><td align="center">29° 6'17.42"N</td><td align="center">78°38'2.77"E</td></tr> <tr> <td align="center">B</td><td align="center">29° 6'18.03"N</td><td align="center">78°38'3.35"E</td></tr> <tr> <td align="center">C</td><td align="center">29° 6'17.27"N</td><td align="center">78°38'4.92"E</td></tr> <tr> <td align="center">D</td><td align="center">29° 6'16.46"N</td><td align="center">78°38'4.00"E</td></tr> <tr> <td align="center" colspan="2">GATA NO.</td><td align="center">364</td></tr> <tr> <td align="center">A</td><td align="center">29° 6'24.40"N</td><td align="center">78°37'57.40"E</td></tr> <tr> <td align="center">B</td><td align="center">29° 6'25.18"N</td><td align="center">78°37'59.26"E</td></tr> <tr> <td align="center">C</td><td align="center">29° 6'24.41"N</td><td align="center">78°38'0.40"E</td></tr> <tr> <td align="center">D</td><td align="center">29° 6'23.42"N</td><td align="center">78°37'58.96"E</td></tr> </table>	GATA NO.		356	A	29° 6'22.71"N	78°37'55.66"E	B	29° 6'24.30"N	78°37'56.99"E	C	29° 6'22.89"N	78°37'58.63"E	D	29° 6'21.57"N	78°37'57.54"E	GATA NO.		368	A	29° 6'17.42"N	78°38'2.77"E	B	29° 6'18.03"N	78°38'3.35"E	C	29° 6'17.27"N	78°38'4.92"E	D	29° 6'16.46"N	78°38'4.00"E	GATA NO.		364	A	29° 6'24.40"N	78°37'57.40"E	B	29° 6'25.18"N	78°37'59.26"E	C	29° 6'24.41"N	78°38'0.40"E	D	29° 6'23.42"N	78°37'58.96"E
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D	29° 6'23.42"N	78°37'58.96"E																																													

		GATA NO.		365	
		A	29° 6'24.38"N	78°37'57.36"E	
		B	29° 6'26.86"N	78°37'59.20"E	
		C	29° 6'23.97"N	78°38'2.65"E	
		D	29° 6'23.41"N	78°38'2.02"E	
		E	29° 6'25.24"N	78°37'59.31"E	
14.	Total Geological Reserves	32,500 m <sup>3</sup>			
15.	Total Mineable Reserve	27690 m <sup>3</sup>			
16.	Proposed Production	25850 m <sup>3</sup> / 6 months			
17.	Sanctioned Period of Mine lease	6 months			
18.	Method of Mining	Open cast Manual / Semi Mechanized Mining Method			
19.	No. of working days	180 Days			
20.	Working hours/day	8 Hours			
21.	No. of workers	14 workers			
22.	No. of vehicles movement/day	16 Trucks / Day			
23.	Type of Land	Pvt. Land (Uneven Agricultural Land)			
24.	Ultimate of Depth of Mining	2.5 m			
25.	Nearest metalled road from site	1.0 Km			
26.	Water Requirement	PURPOSE		REQUIREMENT (KLD)	
		Drinking		0.14	
		Suppression of dust		2.16	
		Plantation		0.05	
		Others (if any)		-	
		Total		<b>2.35 KLD</b>	
27.	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult Certificate No- NABET/EIA/2023/SA 0174 Period of Validity- 29-04-2023			
28.	Any litigation pending against the project or land in any court	No			
29.	Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No 455/Khanij/2022, Date-05.11.2022			
30.	Proposed EMP cost	3.88 Lakhs			
31	Proposed total Project cost	19.26 Lakhs			
32.	Length and breadth of Haul Road	360 mtr Length & 6m width haulage road			
33	No. of Trees to be Planted	25 Trees			

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

The consultant (EIA Coordinator) also submitted an affidavit dated 22/11/2022 mentioning is as follows:

- I, Umesh Pratap Singh S/o Late Surya Pal Singh am EIA Coordinator of Ind Tech House Consult.
- I have prepared EMP report for the project “Ordinary Soil Excavation” Project at Gata No. 356, 364, 365, 368, Village- Salempur Mustakam, Tehsil- Kanth & District- Moradabad, Uttar Pradesh, (Leased Area:1.300 Ha.) with my team.
- I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
- I am satisfied with that all the necessary data/information submitted along with EMP are true and correct.
- I certify that this project proposal has been uploaded for the first time on Parivesh Portal.

6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. The EMP report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 02**

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-2 to these minutes.

3. **Common Bio medical Waste Treatment Facility at Khasra No. 997, 1008 Mauza Mai Tehsil Bah Agra, U.P., M/s Bio World Waste Management OPC Private Limited. File No.7354/ Proposal No. SIA/UP/INFRA2/402453/2022**

**RESOLUTION AGAINST AGENDA NO. 03**

The Secretariat informed the committee that a complaint letter dated 29/11/2022 of Dr. Vinay Kumar Verma, M/s Medical Pollution Control Committee against the Common Bio medical Waste Treatment Facility at Khasra No. 997, 1008 Mauza Mai Tehsil Bah Agra, U.P., M/s Bio World Waste Management OPC Private Limited. The committee also discussed that compliant letter of Dr. Vinay Kumar Verma and opined that the above compliant letter should be sent to Regional Officer, UPPCB, Agra for providing the factual report on the issues raised by the complainant. The committee also directed the project proponent and consultant to personally visit the site and submit personal affidavit to the SEAC.

4. **Building Stone (Sandstone) mine at Araj/Gata no.- 88, Village- Kukuhipur, Tehsil- Chunar, District- Mirzapur, U.P., Sunita Singh, Area- 2.424 ha., File No.7356/ Proposal No. SIA/UP/MIN/406685/2022**

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

1. The environmental clearance is sought for "Building stone (Sandstone)" Project at Gata No. 88, Village- Kukuhipur, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh, (Leased Area : 2.424 Ha), M/s Shrishti Enterprises.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/406685/2022
2.	File No. allotted by SEIAA, UP	7356
3.	Name of Proponent	Smt. Sunita Singh
4.	Full correspondence address of proponent and E-mail Id	R/o Village & Post- Tiwara, District- Chandauli, UP E-mail Id- sunitasingh541818@gmail.com
5.	Name of Project	"Building stone (Sandstone)" Project at Gata No.- 88, Village- Kukuhipur, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh By M/s Shrishti Enterprises (Smt. Sunita Singh)
6.	Project Location (Plot.Khasra/Gata No.)	Gata No.- 88, Village- Kukuhipur, Tehsil- Chunar, District- Mirzapur, Uttar Pradesh
7.	Name of River	NA
8.	Name of Village	Kukuhipur
9.	Tehsil	Chunar

10.	District	Mirzapur		
11.	Name of Minor Mineral	“Building stone (Sandstone)”		
12.	Sanctioned Lease Area (in Ha.)	2.424 ha.		
13.	Max. & Min mRL within lease area	Highest mRLis 110.80 & Lowest is 103.80mRL		
14.	Pillar Coordinates (Verified by DMO)	Coordinates of the sanctioned lease area		
		Pillars	N	E
		A	25°05'25.34"N	83°01'54.29"E
		B	25°05'25.05"N	83°01'58.37"E
		C	25°05'20.10"N	83°01'55.75"E
		D	25°05'20.02"N	83°01'49.25"E
		E	25°05'20.86"N	83°01'49.37"E
		F	25°05'23.49"N	83°01'52.72"E
15.	Total Geological Reserves	1040907 m <sup>3</sup>		
16.	Total Mineable Reserve (as per Approved Mine Plan)	382374 m <sup>3</sup>		
17.	Total Proposed Production per annum	72720 m <sup>3</sup> (per annum)		
18.	Proposed Production/year	72720 m <sup>3</sup> per annum		
19.	Sanctioned Period of Mine lease	10 years		
20.	Method of Mining	Opencast, Semi-Mechanized		
21.	No. of working days	300		
22.	Working hours/day	8		
23.	No. of worker	52		
24.	Type of Land	Govt. Land		
25.	Ultimate of Depth of Mining	Upto 92mRL		
26.	Nearest metalled road from site	160 m		
27.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking	0.52 KLD	
		Suppression of dust	1.6KLD	
		Plantation	0.5 KLD	
		Others (if any)	-	
		Total	2.62 KLD	
28.	Name of QCI Accredited Consultant with QCI No and period of validity.	AWS Envirotech (OPC) Pvt. Ltd. Certificate no. NABET/EIA/2225/IA 0097(Rev.01) Valid Till July 14, 2025		
29.	Any litigation pending against the project or land in any court	No		
30.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no.- 1498/khanij/2022-23		
31.	Details of Lease Area in approved DSR	2.424 ha.		
32.	Proposed CER cost	Rs. 2.4 Lakhs		
33.	Proposed EMP cost	Total project cost- Rs. 1.2 Crores, For EMP Capital cost- 5.6 Lakhs, Recurring cost-4.275 Lakhs/Annum		
34.	Distance of Haul Road	160 m		
35.	No. of Trees to be Planted	250		

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

The consultant (EIA Coordinator) also submitted an affidavit dated 12/11/2022 mentioning is as follows:

1. I, Sandeep Kumar, S/o Sri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared the EC application report for the proposal “Building stone (Sandstone)” Project at Gata No. 88, Village– Kukuhipur, Tehsil- Chunar, District– Mirzapur, Uttar Pradesh, (Leased Area : 2.424 Ha), M/s Shrishti Enterprises with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with EC application are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which will be submitted after acceptance of application.
7. The EIA report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 04**

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

1. The environmental clearance will be co-terminus with mining plan.
2. The project proponent shall install solar light in their site office.
3. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
4. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
5. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
6. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
7. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
8. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
9. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
10. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
11. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
12. The project proponent should explore the possibilities of rainwater harvesting.



**5. Commercial Building Project “Paras Avenue” at Plot No: C3H1, Sec-129, Noida, District- Gautam Budhha Nagar, U.P., M/s Ambit Buildwell Private Limited., File No.7357/ Proposal No. SIA/UP/INFRA2/406665/2022**

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 Amaltas Enviro Industrial Consultants LLP. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Commercial Building Project “Paras Avenue” at Plot No: C3H1, Sec-129, Noida, District- Gautam Budhha Nagar, U.P., M/s Ambit Buildwell Private Limited.

2. Salient features of the project:

S.N.	PROJECT FEATURES	DESCRIPTION
1.	Name of the Project	Proposed Commercial Building Project “Paras Avenue”.
2.	Total Plot Area	(2.03 acres)/ 8,240 sq.m.
3.	Permissible Ground Coverage	3,296 sq.m. (40 % of total plot area)
4.	Ground Coverage Proposed (a)	3,295.096 sq.m. (39.9 % of total plot area)
5.	Road/Tender Movement (b)	2,556 sq.m. (31.01 % of site / plot area)
6.	Green Area (c)	Total Provided Green Area = (2,389 sq. m. – (28.9% of site / plot area and 48.3% of open area)
7.	Plot area ( a + b + c)	8,240 Sq. M. = 2.03 Acre 100%
8.	Permissible FAR	32,960 sq.m.
9.	Proposed FAR	32,951.729 sq.m.
10.	Total Built- up Area	53,336.278 sq.m.
11.	Parking	664 ECS
12.	Project Cost	311.34 Crore
13.	Population	11,895
14.	Rainwater Harvesting Pit	2 No.
15.	Energy Consumption	3081.21 KW
16.	Source of Power	State Electricity Board
17.	DG Details	3 DG sets of 1500 KVA
18.	Total Water Demand	Total water requirement Operation Phase- 489 KLD Fresh Water Requirement – 226 KLD Reuse of Treated Wastewater –263 KLD
19.	Source of Water	Operation Phase Municipal Supply
20.	Waste Water Generation	293 KLD
21.	STP Design Capacity	375 KLD
22.	Solid Waste Generation	1.9 TPD

3. Area details:

Land use Description	Area (Sq.m.)
Proposed Ground Coverage (a)	3,295.096 sq.m. (39.9 % of total plot area)
Road/Tender Movement (b)	2,459 sq.m. (2,556 sq.m. (31.01 % of site / plot area)
Green Area on the ground (c)	Total Provided Green Area = (2,389 sq. m. – (28.9% of site / plot area and 48.3% of open area)
Plot area ( a + b+ c)	8,240 Sq. M. = 2.03 Acre 100%
Permissible FAR	32,960 sq.m
Proposed FAR	32,951.729 sq.m
Built up Area	53,336.278 sq.m.

4. Built up area calculation:

Land use Description	Area (Sq.m.)
Proposed Ground Coverage (a)	3,295.096 sq.m. (39.9 % of total plot area)
Road/Tender Movement (b)	2,459 sq.m. (2,556 sq.m. (31.01 % of site / plot area)
Green Area on the ground (c)	Total Provided Green Area = (2,389 sq. m. – (28.9% of site / plot area and 48.3% of open area)

Plot area ( a + b+ c)	8,240 Sq. M. = 2.03 Acre 100%
Permissible FAR	32,960 sq.m
Proposed FAR	32,951.729 sq.m
Built up Area	53,336.278 sq.m.

**5. Population details:**

S. No.	Parking Description	Total Population
1	Ground floor + Mezz	512
2	Ground floor	1174
3	First floor	546
4	2nd & 3 <sup>rd</sup> floor	1082
5	Total Retail Staff	280.2
6	Total Retail Visitors	2521.8
7	4th Floor	383
8	4th Floor	930
9	5th Floor	930
10	5th Floor	569
10	5th Floor (Mezz)	258
11	6th Floor	189
12	Typ. (8th,9th,11th,12th,13th,15th,16th &17th)	1315
13	Typ.(10th,14th,18th)	531
14	19th Floor	574
15	Maintenance Staff	100
18	Total	11,895

**6. Water Requirement details:**

S. N.	Description	Area (sq.m )	Popula tion/ Unit	Total Units/A rea	Total Popul ation	Domestic Water Requireme nt		Flushing Water Requireme nt (D)		Gross Water Req. (E)=( C+D)	%age flow to Sewer	
						Cold Water (A)					Dom. 90%	Flus.1 00%
						LP CD	LP D	LP CD	LP D	LPD		
1	Ground floor + Mezz	F&B	1.4	716.96	512	55	281 60	15	768 0	35840	2252 8	7680
2	Ground floor	Retail	3	3522.04	1174							
3	First floor	Retail	6	3273.00	546							
4	2nd & 3rd floor	Retail	6	6492.00	1082							
	Total Retail Staff			10%	280.2	25	700 5	20	560 4	12609	5604	5604
	Total Retail Visitors			90%	2521. 8	5	126 09	10	252 18	37827	1008 7.2	25218
5	4th Floor	Food Court	1.4	536.00	383	55	210 65	15	574 5	26810	1685 2	5745
6	4th Floor	Cine ma		Seats * 1.2	930	5	465 0	10	930 0	13950	3720	9300
7	5th Floor	Cine ma		Seats * 1.2	930	5	465 0	10	930 0	13950	3720	9300
8	5th Floor	Resta urant	1.4	797.00	569	55	312 95	15	853 5	39830	2503 6	8535
9	5th Floor (Mezz)	Resta urant	1.4	360.93	258	55	141 90	15	387 0	18060	1135 2	3870
10	6th Floor	Offic e	7.5	1417.00	189	25	472 5	20	378 0	8505	3780	3780
10	Typ.(8th,9th,11th,12th,13th,15th,16th &17th)	Offic e	7.5	9861.00	1315	25	328 75	20	263 00	59175	2630 0	26300
11	Typ.(10th,14th,18th)	Offic e	7.5	3982.00	531	25	132 75	20	106 20	23895	1062 0	10620
12	19th Floor	Sky Loun ge	1.8	1033.00	574	55	315 70	15	861 0	40180	2525 6	8610
14	Maintenance Staff	-	LS	~	100	25	250	20	200	4500	2000	2000

							0		0			
15	Water Bodies Make-up	-	LS				15000			15000		
16	Filter Backwash	-	-				3000			3000		
Total Water Requirement (in Ltrs.)							226569		126562	353131		
Say (in KL)					11895.00		226.57		126.56	353.13	KLD	

**7. Parking details:**

PROPOSED PARKING		AREA	QTY	
BASEMENT	-1	3058.973	100	CARS
1ECS/30 SQM				
BASEMENT	-1 (STACKED)	-	25	CARS
1ECS/18 QM				
BASEMENT	-2	4644.289	129	CARS
1ECS/18 SQM				
BASEMENT -2 (STACKED)		-	129	CARS
BASEMENT	-3	5057.428	141	CARS
1ECS/18 SQM				
BASEMENT -3 (STACKED)		-	140	CARS
TOTAL			664	CARS

**8. Waste generation details:**

S.No	Type of Waste	% Generation	Qty (Kg / Day)
	Total MSW		1948.567
1	Biodegradable	59%	1149.65
2	Non-Biodegradable		
2.1	Recyclable	25%	487.14
	Hazardous	6%	116.91
2.2	Inert	10%	194.86
	Total	100%	1948.57 or 1.9 TPD

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

The consultant (EIA Coordinator) also submitted an affidavit dated 24/11/2022 mentioning is as follows:

1. I, Dr. Sharna Tiwari, D/o Shri Surendra Kr. Tiwari is EIA Coordinator of Amaltas Enviro Industrial Consultants LLP.
2. I have prepared report EIA/EMP report for the proposal no. SIA/UP/INFRA2/406665/2022, Commercial Building Project "Paras Avenue" at Plot No: C3H1, Sec-129, Noida, District-Gautam Budhha Nagar, U.P., M/s Ambit Buildwell Private Limited with my team.
3. I have personally visited the site of proposal and certify that no construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with Application/EIA/EMP presentations are true and correct.
5. I certify that this project proposal has been uploaded for the fourth time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. The EMP report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 05**

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

**Additional Conditions:**

1. 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.
2. The project proponent shall comply the use of fuel for backup power as per guidelines by "Commission of Air Quality Management in NCR", directions of courts and CPCB shall be strictly adhered regarding DG sets (cleaner fuel as PNG/CNG/permissible fuel in NCR). The project proponent shall follow the orders/guidelines issued by Hon'ble Court(s)/Competent authorities from time to time.
3. 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.
4. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).
5. The project proponent should develop 03 tier plantations to all around the boundary of project.
6. Project Proponent should adopt 02 villages & develop them as model village.

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

1. Statutory compliance:
  1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
  2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
  3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
  4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
  5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
  6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
  7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
  8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
  9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
  10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
2. Air quality monitoring and preservation:
  1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
  2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
  3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
  4. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the

- site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
5. Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
  6. Wet jet shall be provided for grinding and stone cutting.
  7. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
  8. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
  9. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
  10. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
  11. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Water quality monitoring and preservation:
1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
  2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
  3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
  4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
  5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
  6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
  7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
  8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
  9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
  10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
  11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.

12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13. All recharge should be limited to shallow aquifer.
14. No ground water shall be used during construction phase of the project.
15. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
18. No sewage or untreated effluent water would be discharged through storm water drains.
19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
4. Noise monitoring and prevention:
  1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
  2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
  3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
5. Energy Conservation measures:
  1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
  2. Outdoor and common area lighting shall be LED.
  3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.

4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
6. Waste Management :
  1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
  2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
  3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
  4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
  5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
  6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
  7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
  8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25<sup>th</sup> January, 2016. Ready mixed concrete must be used in building construction.
  9. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
  10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
7. Green Cover:
  1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
  2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
  3. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.

4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
8. Transport:
  1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
    - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
    - b. Traffic calming measures.
    - c. Proper design of entry and exit points.
    - d. Parking norms as per local regulation.
  2. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
  3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
9. Human health issues :
  1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
  2. For indoor air quality the ventilation provisions as per National Building Code of India.
  3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  4. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
  5. Occupational health surveillance of the workers shall be done on a regular basis.
  6. A First Aid Room shall be provided in the project both during construction and operations of the project.
10. Corporate Environment Responsibility:
  1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
  2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
  3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
  4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in



separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

11. Miscellaneous:

1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
6. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
8. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
9. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
10. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
11. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
13. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
14. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
15. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**6. Ordinary Earth Mining at Khasra/Gata No. 182, 183, 195 & 198 Village-Sultanpur, Tehsil-Nawabganj, District-Barabanki, U.P., Sri Amarkesh Yadav, Area 0.738 ha., File No.7358/ Proposal No. SIA/UP/MIN/406779/2022**

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

1. The environmental clearance is sought for Ordinary Earth Mining at Araj/Gata No.-182, 183, 195 & 198, Village-Sultanpur, Tehsil-Nawabganj, District-Barabanki, U.P., (Leased Area-0.738 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/406779/2022			
2.	File No. allotted by SEIAA, UP	7358			
3.	Name of Proponent	Shri Amarkesh Yadav			
4.	Full correspondence address of proponent and mobile no.	Shri AmarkeshYadav S/o Shri Chandrapal Yadav R/o- Village- Gopalpur, Majre Mahua Mau, Darhara, District- Barabanki,U.P. E-mail Id-amarkeshyadav5418@gmail.com			
5.	Name of Project	Ordinary earth mine, Village- Sultanpur, Tehsil-Nawabganj, District- Barabanki, U.P. (Gata no.- 182, 183, 195 & 198, Area- 0.738 ha.)			
6.	Project Location (Plot.Khasra/Gata No.)	Village- Sultanpur, Tehsil-Nawabganj, District- Barabanki, U.P. (Gata no.- 182, 183, 195 & 198, Area- 0.738 ha.)			
7.	Name of River	NA			
8.	Name of Village	Sultanpur			
9.	Tehsil	Nawabganj			
10.	District	Barabanki			
11.	Name of Minor Mineral	Ordinary earth			
12.	Sanctioned Lease Area (in Ha.)	0.738ha.			
13.	Max. & Min mRL within lease area	Highest-118 mRL & Lowest-117 mRL			
14.	Pillar Coordinates (Verified by DMO)	Plot No	Points	Latitude	Longitude
		182, 183	A	26°50'9.82"N	81° 9'27.62"E
			B	26°50'7.88"N	81° 9'31.62"E
			C	26°50'6.84"N	81° 9'30.71"E
			D	26°50'8.67"N	81° 9'27.01"E
		195	A	26°50'12.06"N	81° 9'32.24"E
			B	26°50'11.34"N	81° 9'33.51"E
			C	26°50'10.11"N	81° 9'32.59"E
			D	26°50'10.95"N	81° 9'31.41"E
		198	A	26°50'7.67"N	81° 9'32.21"E
			B	26°50'7.25"N	81° 9'32.83"E
			C	26°50'6.13"N	81° 9'31.99"E
			D	26°50'6.34"N	81° 9'31.76"E
			E	26°50'6.85"N	81° 9'32.07"E
			F	26°50'7.01"N	81° 9'31.75"E
15.	Total Geological Reserves	16236m <sup>3</sup>			
16.	Total Mineable Reserve (as per Approved Mine Plan)	13881m <sup>3</sup>			
17.	Total Proposed Production	12000 m <sup>3</sup> (in 3 months)			
18.	Proposed Production (In 3 months)	12000 m <sup>3</sup>			

19.	Sanctioned Period of Mine lease	03 months	
20.	Method of Mining	Opencast, Semi-Mechanized	
21.	No. of working days	90	
22.	Working hours/day	8	
23.	No. of worker	12	
24.	No. of vehicles movement/day	14	
25.	Type of Land	Private land	
26.	Ultimate of Depth of Mining	2.2m	
27.	Nearest metalled road from site	300 m	
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	1. 2 KLD
		Suppression of dust	0.12 KLD
		Plantation	0.10 KLD
		Total	1.42KLD
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s AWS Envirotech (OPC) Pvt. Ltd 2 <sup>nd</sup> floor Devpuri plaza, Neelgiri crossing, Faizabad road, Indranagar , Lucknow-226016, U.P. Certificate no. NABET/EIA/2225/IA 0097 (Rev.01) Valid Till July 14,2025	
30.	Any litigation pending against the project or land in any court	No	
31.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no.-350AJA-II Dated-17.09.2022	
32.	Details of Lease Area in approved DSR	0.738ha.	
33.	Proposed CER cost	Rs. 8000/-	
34.	Proposed EMP cost	Total project cost-Rs.4.0 Lakhs, EMP Cost- Rs. 87000/-	
35.	Length and breadth of Haul Road	300 m	
36.	No. of Trees to be Planted	50	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 29/09/2022 mentioning is as follows:

- I, Sandeep Kumar, S/o Sri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
- I have prepared the EC application report for the proposal Ordinary Earth Mining at Araj/Gata No.-182, 183, 195 & 198, Village-Sultanpur, Tehsil-Nawabganj, District-Barabanki, U.P., (Leased Area-0.738 ha.) with my team.
- I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
- I am satisfied with that all the necessary data/information submitted along with EC are true and correct.
- I certify that this project proposal has been uploaded for the first time on Parivash Portal.
- I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which will be submitted after acceptance of application.

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

**RESOLUTION AGAINST AGENDA NO. 06**

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-2 to these minutes.

**7. Building Stone (Sand stone) Mining Project at Araj No - 732, Village: Bhagauti Dei, Tehsil-Chunar, District- Mirzapur, Manoj Singh, Area- 1.01 Ha., File No.7359/7043/ Proposal No. SIA/UP/MIN/406277/2022**

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

1. The environmental clearance is sought for Building Stone (Sand stone) Mining Project at Araj No - 732, Village: Bhagauti Dei, Tehsil-Chunar, District- Mirzapur, U.P., (Leased Area- 1.01 Ha).
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 126/Parya/SEIAA/7043/2022 Date 12/07/2022.
3. The Public Hearing was organized on 02/09/2022. Final EIA Report was submitted by the Project Proponent on 17/11/2022.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/406277/2022		
2. File No. allotted by SEIAA, UP	7359/7043		
3. Name of Proponent	M/S RAJ ASSOCIATES Proponent - Shri Manoj Kumar Singh S/o Shri Shobhnath Singh		
4. Full correspondence address of proponent and mobile no.	R/O- Lohara Dih, Kapsethi, District - Varanasi (U.P.)		
5. Name of Project	Building Stone (Sand Stone)Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Arazi No. 732		
7. Name of River	NA		
8. Name of Village	Bhagauti Dei		
9. Tehsil	Chunar		
10. District	Mirzapur (U.P)		
11. Name of Minor Mineral	Building Stone (Sand Stone)Mining Project		
12. Sanctioned Lease Area (in Ha.)	1.01 Ha.		
13. Mineable Area (in Ha.)	0.957 ha.(Safety area 0.053 Ha.)		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	Maximum mRL 115 mRL Minimum mRL 96 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	25° 03'13.6"N	82° 59'10.4"E
	B	25° 03'13.9"N	82° 59'12.5"E
	C	25° 03'08.6"N	82° 59'12.6"E
	D	25° 03'08.5"N	82° 59'10.2"E
17. Total Geological Reserves	1,95,480 m <sup>3</sup>		
18. Total Mineable Reserves	30,300 m <sup>3</sup> per year as per LOI		
19. Total Proposed Production	1,51,500 m <sup>3</sup>		
20. Proposed Production/year	30,300 m <sup>3</sup> per year		

21. Sanctioned Period of Mine lease	20 Years	
22 Total proposed quantity for 20 years	6,06,000 m <sup>3</sup>	
22. Method of Mining	Open cast, semi-mechanized	
23. No. of working days	250	
24. Working hours/day	8 hours/day	
25. No. Of workers	23	
26. No. Of vehicles movement/day	9-10 Vehicles movement/day	
27. Type of Land	Building Stone (Sand Stone)Mining Project	
28. Ultimate Depth of Mining	21.0 m in 5 years as per approved mining plan	
29. Nearest metaled road from site	SH-5A about 4.50 km towards East direction the project site.	
30. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking water	0.33 KLD
	Suppression of dust	1.35 KLD
	Plantation	2.0 KLD
	Others (if any)	-
	Total	3.68 KLD approx
31. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/EIA/1922/RA 0200 and valid up to 30 Dec. 2022	
32. Any litigation pending against the project or land in any court	No	
33. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. - 3433/Khanij/2022 date 3/03/2022	
34. Details of Lease Area in approved DSR	DSR Mirzapur Page No- 11 Sl. No- 15	
35. Proposed EMP cost	Rs. 12,60,630/-	
36. Total Project cost	Rs. 1,20,00,000/-	
37. Length and breadth of Haul Road	150 m length and 6.0 m width	
38. No. of Trees to be Planted	2000	
39. Monitoring period	1 <sup>st</sup> March to 31 May 2022	

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 28/11/2022 mentioning is as follows:

1. I Vishnu Kumar Awasthi S/o Lt. R G Awasthi is EIA Coordinator of M/s Environmental Research and Analysis, Lucknow (U.P.), Accreditation Certificate No- NABET/ EIA/ 1922/RA 0200, valid till- 30/12/2022.
2. I have prepared EIA/EMP report for the Proposal No. SIA/UP/MIN/406277/2022 (File No. - 7359/7043) Project Proponent- Shri Manoj Kumar Singh of Building stone boulder-khanda / gitti-ballast mining project of Gata No. 732, Village: Bhagauti Dei, Tehsil: Chunar, District: Mirzapur (U.P) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information required for EIA/EMP presentations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. I state that all the TOR points have been complied and all the issues raised during public hearing have been properly addressed in EIA report.

8. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**RESOLUTION AGAINST AGENDA NO. 07**

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

1. The project proponent shall install solar light in their site office.
2. 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.
3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
4. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
6. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
7. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
8. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
9. 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.
10. 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.
11. The project proponent should explore the possibilities of rainwater harvesting.
12. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
13. 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.
14. As per the proposed plan, plantation with area specific plant species, number of plants to be Planted and report of green belt development to be submitted to the concerning department.

8. **Ordinary Soil Excavation Mine at Gata no. 92, 93 & 103/1, village – Manpur, Mujiapparpur, Tehsil – Kanth & District- Moradabad, U.P., (Leased Area – 1.179 ha.), File No.7360/ Proposal No. SIA/UP/MIN/406803/2022**

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 Environmental Research and Analysis, Lucknow (U.P).Based on the documents

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

1. The environmental clearance is sought for Ordinary Soil Excavation Mine at Gata no. – 92, 93 & 103/1, Village- Manpur, Mujjaffarpur, Tehsil –Kanth, District- Moradabad, U.P., (Leased Area – 1.179 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/406803/2022		
2. File No. allotted by SEIAA, U.P	7360		
3. Name of Proponent	Shri Kuldeep Singh S/o Shri Surendra Singh		
4. Full correspondence address of proponent	R/o – D – 39 Deendayal Nagar, Phase – 2, Near Wave mall, Moradabad, Uttar Pradesh.		
5. Name of Project	Ordinary Soil Excavation Project		
6. Project location (Plot/Khasra/Gata No. / khand No.)	Gata No- 92, 93 & 103/1		
7. Name of River	NA		
8. Name of Village	Manpur Mujjaffarpur		
9. Tehsil	Kanth		
10. District	Moradabad, Uttar Pradesh.		
11. Name of Minor Mineral	Ordinary Soil Excavation Project		
12. Sanctioned Lease Area (in Ha.)	1.179 Ha.		
13. Mineable Area (in Ha.)	1.0611 Ha (safety margin 0.1179 Ha.)		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	The elevation of the given excavation site is 208 mRL.		
16. Pillar Coordinates (Verified by DMO)	Gata No.	Points	GPS Coordinates Latitude Longitude
	92	A	28°58'24.42"N 78°41'10.44"E
		B	28°58'24.93"N 78°41'10.60"E
		C	28°58'24.23"N 78°41'12.48"E
		D	28°58'23.77"N 78°41'12.79"E
		E2	28°58'22.84"N 78°41'12.13"E
		E3	28°58'23.64"N 78°41'10.67"E
	93	A	28°58'24.42"N 78°41'10.44"E
		B	28°58'23.12"N 78°41'10.01"E
		C	28°58'21.29"N 78°41'8.64"E
		D	28°58'19.91"N 78°41'10.67"E
		E	28°58'21.35"N 78°41'12.62"E
		E1	28°58'22.17"N 78°41'11.65"E
	103/1	E2	28°58'22.84"N 78°41'12.13"E
		E3	28°58'23.64"N 78°41'10.67"E
		A	28°58'16.64"N 78°41'4.78"E
		B	28°58'13.39"N 78°41'8.19"E
		C	28°58'13.12"N 78°41'7.78"E
		D	28°58'16.32"N 78°41'4.45"E
17. Total Geological Reserves	29,475 m <sup>3</sup>		
18. Mineable Quantity	25,466 m <sup>3</sup> in three months		
19. Total Proposed Production	8488.6 m <sup>3</sup> in one months		
20. Sanctioned Period of Mine lease	3 months		
21. Method of Mining	Open cast, Semi Mechanized		
22. No. of working days	90 days		
23. Working hours/day	8 hours/day		
24. No. Of workers	Approximately 20 workers		
25. No. Of vehicles movement/day	Approximately 21-22 movements per day		
26. Type of Land	Ordinary Soil Excavation Project		
27. Ultimate Depth of Mining	2.4 meter		
28. Nearest metalled road from site	SH 49 is about 3.12 km towards west direction from the excavation site.		

29. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.30
	Suppression of dust	1.89
	Plantation	0.01
	Others (if any)	-
	Total	2.2 KLD Approx.
30. Name of QCI Accredited Consultant with QCI No And period of validity.	M/s Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200; Validity Till: 30.12.2022	
31. Any litigation pending against the project or land in any court	No	
32. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 302/ खनिज/2022 on dated 12/10/2022	
33. Details of Lease Area in approved DSR	NA	
34. Proposed EMP cost	Rs 2,12,900/-(more than 2% of the total Project cost)	
35. Total Project cost	Rs. 12,00,000/-	
36. Length and breadth of Haul Road	210 m length and 6 m width	
37. No. of Trees to be Planted	10	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 22/11/2022 mentioning is as follows:

1. I, Vishnu Kumar Awasthi S/o Lt. R G Awasthi is EIA Coordinator of M/s Environmental Research and Analysis, Lucknow (U.P.), Accreditation Certificate No- NABET/ EIA/ 1922/RA 0200, valid till- 30/12/2022.
2. I have prepared EC (B2) report for the Proposal No. SIA/UP/MIN/406803/2022, Project Proponent- Kuldeep Singh S/o Shri Surendra Singh of "Soil Excavation Project" located at village – Manpur mujaffarpur, Tehsil – Kanth & District - Moradabad, Uttar Pradesh with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information required for EC presentations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EC report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET

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

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-2 to these minutes.**



**9. Ordinary Earth Mine, Khasra/Gata No.- 292 & 293 Village-Parsa, Tehsil-Sirauligaupur & District Barabanki, Devansh Singh, Area 0.418 ha., File No.7366/ Proposal No. SIA/UP/MIN/407031/2022**

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

1. The environmental clearance is sought for Ordinary Earth Mining at Araji/Gata no.-292 & 293, 93 Village- Parsa, Tehsil-Sirauli Gauspur, District-Barabanki, U.P., (Leased Area-0.418 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/407031/2022			
2.	File No. allotted by SEIAA, UP	7366			
3.	Name of Proponent	Devansh singh			
4.	Full correspondence address of proponent and mobile no.	Devansh singh S/o Om prakash verma R/o- 594 Ka 397 Nilmatha Cant, Lucknow Chhawani, District- Lucknow, U.P E-mail Id-devanshsingh5418@gmail.com			
5.	Name of Project	Ordinary Earth Mining Village- Parsa, Tehsil-Sirauli Gauspur, District- Barabanki, Uttar Pradesh			
6.	Project Location (Plot.Khasra/Gata No.)	Gata No.- 292 & 293, Village- Parsa, Tehsil-Sirauli Gauspur, District- Barabanki, Uttar Pradesh			
7.	Name of River	NA			
8.	Name of Village	Parsa			
9.	Tehsil	Sirauli Gauspur			
10.	District	Barabanki			
11.	Name of Minor Mineral	Ordinary earth			
12.	Sanctioned Lease Area (in Ha.)	0.418ha.			
13.	Max. & Min mRL within lease area	Highest-113 mRL & Lowest-112 mRL			
14.	Pillar Coordinates (Verified by DMO)	Plot No.	Points	Latitude	Longitude
		292 & 293	A	26° 56.366'N	81° 22.221'E
			B	26° 56.342'N	81° 22.258'E
			C	26° 56.319'N	81° 22.237'E
			D	26° 56.348'N	81° 22.200'E
15.	Total Geological Reserves	9196m <sup>3</sup>			
16.	Total Mineable Reserve (as per Approved Mine Plan)	7862m <sup>3</sup>			
17.	Total Proposed Production	7862m <sup>3</sup> (for 3 months)			
18.	Proposed Production (In 3 months)	7862m <sup>3</sup> (for 3 months)			
19.	Sanctioned Period of Mine lease	03 months			
20.	Method of Mining	Opencast, Semi-Mechanized			
21.	No. of working days	90			
22.	Working hours/day	8			
23.	No. of worker	10			
24.	No. of vehicles movement/day	09			
25.	Type of Land	Private land			
26.	Ultimate of Depth of Mining	2.2m			
27.	Nearest metalled road from site	300 m			
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)		
		Drinking	0.10KLD		

		Suppression of dust	1.2KLD
		Plantation	0.06 KLD
		Total	1.36KLD
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s AWS Envirotech (OPC) Pvt. Ltd 2 <sup>nd</sup> floor Devpuri plaza, Neelgiri crossing, Faizabad road, Indranagar , Lucknow-226016, U.P. Certificate no. NABET/EIA/2225/IA 0097 (Rev.01) Valid Till July 14,2025	
30.	Any litigation pending against the project or land in any court	No	
31.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no.-346 AJA-II Dated-17.09.2022	
32.	Details of Lease Area in approved DSR	0.418ha.	
33.	Proposed CER cost	Rs6000/-	
34.	Proposed EMP cost	Total project cost-Rs3.0 Lakhs, EMP Cost- Rs. 62000/-	
35.	Length and breadth of Haul Road	300 m	
36.	No. of Trees to be Planted	30	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 12/11/2022 mentioning is as follows:

1. I, Sandeep Kumar, S/o Sri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared the EC application report for the proposal Ordinary Earth Mining at Araji/Gata no.-292 & 293, 93 Village- Parsa, Tehsil-Sirauli Gauspur, District-Barabanki, U.P., (Leased Area- 0.418 ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with EC application are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which will be submitted after acceptance of application.
7. The EIA report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

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

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-2 to these minutes.**

**10. Common Biomedical Waste Treatment Facility at Gata No.- 739, Village-Babhani Tappa Vainiya, Tehsil-Itwa, District-Siddharth Nagar, U.P., Dinesh Singh, File No. 7367/7132/ Proposal No. SIA/UP/INFRA2/407053/2022**

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 Gaurang Environmental Solutions Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Common Biomedical Waste Treatment Facility at Gata No. 739, Village-Babhani Tappa Vainiya, Tehsil-Itwa, District-Siddharth Nagar, U.P., M/s Dinesh Kumar Singh Contractor.
2. The standard terms of reference in the matter were issued through online Parivesh Portal on 09/06/2022.
3. The public hearing was organized on 27/08/2022. Final EIA report submitted by the project proponent on 18/11/2022.
4. Salient features of the project:

Items	Details		
Project Name	Proposed Common Biomedical Waste Management Facility (CBWTF), Siddharth Nagar, UP		
Location	Gata No. 739, Village-Babhani Tappa Vainiya, Tehsil-Itwa, District-Siddharth Nagar, Uttar Pradesh		
Promoter	M/s Dinesh Kumar Singh Contractor		
Project/ Plot area	6300 sq. m (1.5 Acres.)		
Proposed areas to be catered	Siddharthnagar district and neighboring areas		
Expected quantity of waste to be treated	150 kg/day		
Project capacity	Particular	Capacity	Nos
	Incinerator	150kg/hour	1
	Autoclave	400Kg/batch	1
	Shredder	100kg/hour	1
	Effluent Treatment Plant (ETP)	10KLD	1
Project Cost	Rs.159.35Lakh		
Power Requirement & Source	50 KVA Source : Uttar Pradesh State Electricity Distribution Company Limited		
Power backup	DG Set : 50 kVA- 1 No.		
Water Requirement & Source	Fresh water	: 10 KLD	
	Treated Water	: 6.40 KLD	
	Total water demand	: 16.40 KLD	
	Source	: Ground water	
Waste water generation	Process effluent	: approx. 6.584 KLD	
	Domestic effluent	: approx. 1.416 KLD	
Effluent Treatment Plant & disposal	ETP Capacity	: 10 KLD	
	ETP Sludge	: disposed off to authorized TSDF	
Fuel Requirement	HSD		
	Incinerator	: 30 litre per hour	
	DG set	: 12 litre per hour	
Manpower Requirement	38 Persons		
Green Area	2362.5 sq.m. (37.5% of total plot area)		
	650 nos. of tree proposed to be planted		
EMP Budget	Capital Cost	: Rs. 82.70 lacs	
	Recurring Cost	: Rs. 26.7 lacs	

**5. Land use details:**

S. No.	Particulars	Area (sq.mt)	%
1.	Plant area	2538.9	40.3

2.	Road Area	1398.6	22.2
3.	Green Area	2362.5	37.5
	Total Plot Area	6300 sq.m	100

**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)	Recycled Water Requirement (lpcd)	Total Water Requirement (lpcd)
1	Staff	38	45	-	45	1710	-	1710
2	Floating Population (@10% of Total Population)	4	15	-	15	60	-	60
3	Floor Washing	-	4000	-	-	4000	-	4000
4	Autoclave	-	4230	-	-	4230	-	4230
5	Total	42	-	-	-	10000 10.0 KLD	-	10000 10.0 KLD
6	Total Fresh Water Requirement							
7	Total Waste Water Generated @80% of Water Consumption							
8	Total Recycled Water for Reuse @80% of Waste Water							
9	Greenbelt (2599.57sqmt@1.5L/SQMT)					-	3899	3.899 KLD
10	Quencher and Scrubber					-	1200	1.20 KLD
11	Vehicle Cleaning					-	1301	1.301 KLD
12	Total Recycled Water Consumption							
13	Total Water Discharge from the unit							
	0.00KLD							

**7. Hazardous /Solid waste details:**

Sr. no.	Type/Name of Hazardous waste	Specific Source of generation	Category and Schedule	Quantity (MT/Annum)	Disposal Method
1	Incineration Ash	Proposed Incinerator (150 kg/hr)	Schedule-I & Category 37.2	90	Collection, Storage, Transportation and sent to nearest TSDF for landfill
2	ETP Sludge	ETP	Schedule-I & Category 35.3	15	Collection, Storage, Transportation and sent to nearest TSDF for landfill
3	Disinfected materials (Shredded plastic, glass etc.)	Autoclave	-	600	Send to authorized recycler.
4	Encapsulated Waste (sharps, containers of mercury waste)	Process	-	5 *As sharps, containers of mercury waste	Collection, Storage, Transportation and sent to nearest TSDF for landfill or disposed to In-house sharp pit.

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

The project proponent also submitted that the Consent to Establish for the project has been issued by UPPCB vide letter no. 155012/UPPCB/Basti(UPPCBRO)/CTE/Siddharth Nagar/2022, dated 27/04/2022 valid up to 31/12/2026.

During the preparation of meeting of minutes the project proponent submit the NOC from Chief Medical Officer, Siddharth Nagar issued vide letter dated 05/12/2022.

The consultant (EIA Coordinator) also submitted an affidavit dated 29/11/2022 mentioning is as follows:

1. I Abhishek Gautam, S/o Shri C.K. Gautam is EIA Coordinator of M/s Gaurang Environmental Solutions Pvt. Ltd.
2. I have prepared EIA/EMP application for the Proposal in name of Common Biomedical Waste Treatment Facility at Gata No. 739, Village-Babhani Tappa Vainiya, Tehsil-Itwa, District-Siddharth Nagar, U.P., M/s Dinesh Kumar Singh Contractor 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 required for EIA/EMP presentations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. I state that all the TOR points have been complied and all the issues raised during public hearing have been properly addressed in EIA report.
8. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

**The Secretariat informed the committee that a complaint letter dated 30/11/2022 of Dr. Vinay Kumar Verma, M/s Medical Pollution Control Committee has been received against the Common Biomedical Waste Treatment Facility at Gata No.- 739, Village-Babhani Tappa Vainiya, Tehsil-Itwa, District-Siddharth Nagar, U.P., M/s Dinesh Kumar Singh Contractor.**

**During the presentation, the committee decided to share the aforesaid complaint letters with the Project Proponent/ Consultant. The Project Proponent/ Consultant mentioned that these complaints are baseless, and they will be able to give a written reply regarding the aforesaid complaints today itself, 01/12/2022. The committee deliberated that the case shall be taken after receiving a satisfactory reply in this regard.**

**The Project Proponent/Consultant has submitted a points-wise reply to the complaint made by the complainant. The point wise details are given below:**

<b>S. No.</b>	<b>Point raised by complainant</b>	<b>Reply of project proponent</b>
A.	M/s MPCC is already operating a Common Bio-medical waste treatment facility located at Khalilabad which is just 54 kms from the District Siddharthnagar. The current CBWTF is catering to the HCFs of the District Siddharthnagar and the capacity of the CBWTF is not yet achieved	<p>The contents of the para 1 are not acceptable as represented by M/s MPCC. As per the provisions of Bio-medical Waste Management Rules, 2016 as well as the Revised Guidelines for Common Bio-Medical Waste Treatment &amp; Disposal Facilities issued by CPCB dated 1<sup>st</sup> Dec, 2016, para no. 8, sub para a), the coverage area of CBWTF is defined as 75 kms radial distance. We would like to humbly submit that the proposed facility is located at a distance of approx 78 kms from the existing facility (Map enclosed) and proposes to cater to the 75 kms radius from the project site so as to ensure timely (i.e. within 48 hours) and scientific disposal of the Bio-medical waste.</p> <p><b>Capacity:</b> As per the information submitted by M/s MPCC in their compliant as Annexure -2, the no. of HCFs currently catered are 888 (as also mentioned in the Authorization issued by UPPCB). Taking a very low average of 20 beds/ facility, the number of beds which are currently being catered by the existing CBWTF works out to be 17,760 (greater than 10,000) and thus clearly a new facility is required. The said allegations are clearly baseless to</p>

		<p>misguide the Hon'ble SEAC and are guided by mala fide intentions.</p> <p>Further, the capacity of the incinerator is 100 kg/hr. Considering 16 hours (max) working of the facility the total quantity of waste that can be disposed is 1600 kg/day while the actual waste generation based on the NBC norms and CPHEEO guidelines considering 15,000 beds (the actual number is higher as established in above para) is calculated as under:</p> <p>No. of beds: 15,000  Waste generation/ bed/ day: 1.5 kg/bed/ day  Total waste generation/ day: 22,500 kg/day</p> <p>25% of the total waste is Bio-medical waste: 5625 kg/day  Considering 40% of this waste as incinerable, the daily waste generation: 2250 kg/day</p> <p>(the above calculations are based on the National Building Code, Part-9).</p> <p>While the installed capacity of the existing facility is only 100 kg/hour or 1600 kg/day (the same is also reported by CPCB in the annual report. Furthermore, as per the UPPCB report, the total installed capacity of the said CBWTF is 2000 kg/day which is even less than the quantity required for incineration, while the latest Authorization issued by UPPCB shows the total installed capacity as 6500 kg/hr, which clearly indicates that the expansion works has been carried out without obtaining prior EC. Therefore, the contents of the allegations that the full capacity of the CBWTF is not yet achieved are clearly misleading and with the intention of creating hindrance in the scientific waste disposal for personal benefits.</p>
	<b>Specific points</b>	
1.	Revised CPCB Guidelines-2016 of Page No. 3 Clause (b) SPCB/PCC is required to conduct gap analysis w.r.to coverage area of the bio-medical waste generation and also projected over a period of next ten years, adequacy of existing treatment capacity of the CBWTF in each coverage area of radius 75 KM, as given in Annexure-I. Gap analysis and Inventorization to be conducted by Uttar Pradesh Pollution Control Board for establishment new plant of CBWTF.	Consent to Establish has already been issued by UPPCB for establishment of the proposed project after taking into consideration the requirement of the new facility.
2.	Revised CPCB Guidelines- 2016 of Page No. 3. Clause (e) The SPCB/ PCC or concerned department in business allocation of land assignment in the respective State Government or UT Administration.	The contents of para 2 are misleading and partially quoted. As per clause (d), given at the same page " <i>A CBWTF may also be allowed to be established on a land procured by an entrepreneur in accordance with the location criteria suggested under these guidelines</i> "
3.	Revised CPCB Guidelines- 2016 of Page No. 3 Clause (e) expression of interest from the	Not required since the project is coming on a land procured by project proponent

	proponent for development of New CBWTF.												
4.	Revised CPCB Guidelines- 2016 of Page No. 8 Clause (6) A CBWTF shall preferably be development in a notified industrial area without any requirement of buffer zone.	The contents of para 4 are misguiding and partially quoted. As per clause (d), “A CBWTF may also be allowed to be established on a land procured by an entrepreneur in accordance with the location criteria suggested under these guidelines”. Our project land completely fulfils the location criteria as prescribed under CPCB guidelines:											
<table border="1"> <thead> <tr> <th>Parameter</th><th>Criteria</th><th>Compliance status</th></tr> </thead> <tbody> <tr> <td rowspan="2">Land area</td><td>1 acre</td><td>The land area is 6300 sq. m (1.5 acre)</td></tr> <tr> <td>No notified residential / sensitive areas within 500 m</td><td>There are no notified residential / sensitive areas within 500 m radius.</td></tr> <tr> <td>Critical habitat area – area in which one or more endangered species live</td><td>suitable</td><td>None within 500 m radius</td></tr> </tbody> </table> <p>Google map showing 500 m surrounding features.</p>			Parameter	Criteria	Compliance status	Land area	1 acre	The land area is 6300 sq. m (1.5 acre)	No notified residential / sensitive areas within 500 m	There are no notified residential / sensitive areas within 500 m radius.	Critical habitat area – area in which one or more endangered species live	suitable	None within 500 m radius
Parameter	Criteria	Compliance status											
Land area	1 acre	The land area is 6300 sq. m (1.5 acre)											
	No notified residential / sensitive areas within 500 m	There are no notified residential / sensitive areas within 500 m radius.											
Critical habitat area – area in which one or more endangered species live	suitable	None within 500 m radius											
5.	No Temple, School, Market, Village etc. should be established or made near the place where the plant is set up.	The contents of para 5 are misguiding and misleading. No such criteria are given in the CPCB guidelines. Site selection has been elaborated in the point no. 4 above											
6.	Revised CPCB Guideline- 2016 of page no 10 Clause 8 (A) Coverage area if CBWTF Located within the respective State/UT shall be allowed to cater healthcare units situated at a radial distance of 75 KM. However, in a coverage area where 10,000 bed are not allow within a radial distance of 75 KM, existing CBWTF in the locality (located within the respective State/UT) may be allowed to cater the healthcare units situated upto 150 KM radius.	The contents of the para 6 are not acceptable. The same has been explained in length at point no. A above											
7.	Revised CPCB Guidelines-2016 of Page no. 3 Clause (c) The department in the business allocation of land assignment shall be responsible for providing suitable site in the prescribed authority (i.e., SPCB/PCC), other stakeholders and in accordance with these guidelines issued by CPCB from time to time.	The contents of para 7 are not applicable since the project is coming on a land procured by project proponent.											

**After detailed analysis, the committee did not find any merit in the complaint 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 location. 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. The project proponent should develop 03 tier plantations to all around the boundary of project.
6. Project Proponent should adopt 01 village & develop them as model village.

**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 NABL accredited laboratories.
  2. Waste water generated from the facility shall be treated in the ETP and treated waste water shall be reused in the APCD connected to the incinerator. The water quality of treated effluent shall meet the norms prescribed by State Pollution Control Board. Zero discharge should be maintained.
  3. Process effluent/any waste water should not be allowed to mix with storm water.
  4. Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from the competent authority shall be obtained for use of fresh water.
  5. A sewage Treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused within the project.
  6. A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point should be obtained.
  7. The leachate from the facility shall be collected and treated to meet the prescribed standards before disposal.
  8. Magnetic flow meters shall be provided at the inlet and outlet of the ETP & all ground water abstraction points and records for the same shall be maintained regularly.
  9. Rain water runoff from the hazardous waste storage area shall be collected and treated in the effluent treatment plant.
- IV. Noise monitoring and prevention:
1. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during daytime and 70 dB(A) during night-time.
- V. Energy Conservation measures:
1. Provide solar power generation on roof tops of buildings, for the solar light system for all common areas, street lights, parking around the project area and maintain the same regularly;
  2. Provide LED lights in their offices and residential areas
- VI. Waste management:
1. Incinerated ash shall be disposed of at approved TSDF and MoU made in this regard shall be submitted to the Ministry prior to the commencement.
  2. The solid wastes shall be segregated as per the norms of the Solid Waste Management Rules, 2016.
  3. A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from the project.

4. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016
  5. No landfill site is allowed within the CBWTF site.
  6. The Project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCB/SPCB.
- VII. Green Belt:
1. Green belt shall be developed in the area as provided in project details, with native tree Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.
- VIII. Public bearing and Human health issues:
1. Feeding of materials/Bio-medical waste should be mechanized and automatic no manual feeding is permitted.
  2. Proper parking facility should be provided for employees & transport used for collection & disposal of waste materials.
  3. Necessary provision shall be made for fire-fighting facilities within the complex.
  4. An emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  5. An emergency plan shall be drawn in consultation with SPCB/CPCB and implemented in order to minimize the hazards to human health or the environment from fires, explosions or any unplanned sudden or gradual release of hazardous waste or hazardous waste constituents to air, soil or surface water.
  6. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
  7. Occupational health surveillance of the workers shall be done on a regular basis.
- IX. Corporate Environment Responsibility:
1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.II I dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
  2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. A copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of the six-monthly report.
  3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
  4. Action plan for implementing EMP and environmental conditions along with the responsibility matrix of the company shall be prepared and shall be duly approved by the competent authority. The year-wise funds earmarked for environmental protection measures shall be kept in a separate account and not be diverted for any other purpose. Year rise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
  5. A self-environmental audit shall be conducted annually. Every three years third-party

environmental audit shall be carried out.

X. Miscellaneous:

1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3. The project proponent shall upload the status of compliance with the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at the environment clearance portal.
5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
6. The criteria pollutant levels namely; SPM, RSPM, SP, 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.

**11. Commercial Project “Platinum Mall” at Plot No. T-6, IBB-2, Shushant Golf City, District -Lucknow, UP, of M/s Platinum Mall Pvt. Ltd. Shri Sameer Kumar Agarwal, File No.7212/ Proposal No. SIA/UP/MIS/287849/2022**

The Secretariat informed the committee that the above matter was earlier discussed in 656<sup>th</sup> SEIAA meeting dated 06/10/2022 and observed is as follows:

“ ...

1. Both cost estimations have been submitted by PP / consultant and there is a difference in cost estimation. None of these two documents are acceptable either in financial & administrative / vigilance scrutiny or in judicial review. Reason being it has neither being issued in light of MoEFCC, GoI OM dated 07.07.2022 nor CA Firm / Valuer have certified that they are competent to analyse construction / production carried out in violation of EC. For real estate projects UP RERA and Local Development Authority (in this case LDA) are regulatory bodies. A cost estimation for construction carried out beyond EC, issued either by UP RERA or LDA or any other competent Government body should be submitted by PP / consultant and this should become the basis for SEAC-1 recommendation.
2. PP to submit details of expenditure made beyond the sanctioned EC, if any, issued / verified either by UP RERA or LDA or any other competent Government body in light of MoEFCC, GoI OM dated 07.07.2022. SEAC-1 to examine the document and submit their recommendation to SEIAA.
3. The percentage rate has been halved from 1% to 0.5% on the basis of “information given by the Nodal Officer that as per records available with Directorate and written communication by all concerned in the directorate, no complaint has been received in the Directorate of Environment UP till this date of meeting against the said project regarding starting of construction work at site without obtaining prior environmental clearance.” In this regard MoEFCC, GoI OM dated 07.07.2022 clearly states “The percentage rates shall be halved if the PP suo-moto reports such violation without such violations coming to the knowledge of the Government either on inquiry or complaint.” With regards to real estate, UP RERA, District Administration, Local Development Authority, PCB, Local Municipal Corporation, etc. can give notices and they are not under any compulsion to mark a copy to Directorate of Environment. Further, construction work, without taking EC, was started in this project and it needs to be established that it never came to the knowledge of any of the regulatory / Government bodies either through enquiry or complaint. The burden of proof should be on PP and once PP submits documents, same should be examined by SEAC-1 for making their recommendations.
4. Penalty @1% to be imposed on PP unless PP submits, to SEAC-1, letter / certificate issued from concerned regulatory / Government bodies viz. UP RERA, District Administration, Local Development Authority, PCB, Local Municipal Corporation, etc. that the violation never came to their either through enquiry or complaint. SEAC-1 to examine these documents and submit their recommendation to SEIAA.
5. SEAC-1 should not direct PP to deposit any amount (s). Once the amount (s) to be deposited is / are finalized, SEIAA will issue necessary orders to PP in this regard.
6. Refer back to SEAC-1 for deliberation.

Further, SEIAA opined as follows –

- a) PP / consultant to submit compliance report through IRO, MoEFCC, GoI, Lucknow of existing EC, if any, granted to the project
- b) PP / consultant to submit compliance report through UPPCB of existing CtE and CtO.
- c) PP to submit details of expenditure made beyond the sanctioned EC, if any, issued / verified either by UP RERA or UP Housing and Development Board or LDA or any other competent

*Government body in light of MoEFCC, GoI OM OM dated 07.07.2022. SEAC-1 to examine the document and submit their recommendation to SEIAA.*

- d) PP / consultant to submit point-wise compliance, in a tabular form, of MoEFCC, GoI OM no. 22-21/2020-IA.III dated 07.07.2021 (SoP for identification and handling of violation cases under EIA Notification 2006)*
- e) A letter shall be send to DM, Lucknow; VC, LDA; UP Housing and Development Board; and MS, UPPCB to ensure that no construction is carried out until valid EC is obtained and in case construction has been carried out without valid EC then work should be stopped and legal action should be initiated against the PP.*
- f) Without prejudice to any other consequences, action to be initiated u/s 15 read with section-19 of EPA, 1986 against the PP.*
- g) Project to be closed until EC is granted.*
- h) UPPCB neither to renew existing CtE / CtO nor to issue fresh CtE / CtO to the expansion of this project till EC is accorded.*

*MS, SEIAA to send a copy of this MoM, pertaining to this agenda item, to UP RERA, UP Housing and Development Board; District Administration, Local Development Authority, PCB, and Local Municipal Corporation.”*

As per the direction of SEIAA, the matter was listed in 708<sup>th</sup> SEAC meeting dated 01/12/2022. A presentation was made by the project proponent along with their consultant M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. The project proponent submit the point wise replies of queries raised by SEIAA are as follows:

<b>S. N.</b>	<b>Compliance Condition</b>	<b>Reply</b>
a.	A cost estimation for construction carried out beyond EC, issued either by UP RERA or LDA or any other competent government body should be submitted by PP/consultant and this should become the basis for the SEAC-1 recommendation.	<p>The total cost of the project for the construction carried out till date as estimated by the registered valuer is Rs 41.36 crores.</p> <p>Against this, the project proponent on 13.05.2022 submitted a valuation report prepared by Er. Anil Kumar Misra, Registered Valuer of the Income Tax Department clarifying on the difference which arose in cost estimation.</p> <p>Furthermore, Er. Anil Kumar Misra is an authorized valuer registered with the income tax department. [Copy of registration certificate and valuation report attached.] A registered valuer means a person registered with the Authority as a valuer, in accordance with the provisions of the Rules enunciated under the Companies Act. The Companies (Registered Valuers and Valuation) Rules, 2017, notified by the Central Government in the exercise of powers conferred by section 247 read with sections 458, 459, and 469 of the Companies Act, 2013 (18 of 2013), define a Valuer and lay down rules governing a Valuer inter alia including Eligibility, Qualification, and Registration of Valuer.</p> <p>Stating further, we contacted the concerned departments in RERA UP and LDA. However, they told us that no such valuation officer is empanelled with their respective departments.</p>
b.	PP to submit details of expenditure made beyond the sanctioned EC, if any, issued/verified either by UP RERA or LDA or any other competent government body in light of MoEFCC, GOI OM dated 07.07.2021 SEAC-1 to	The Environment Clearance has yet not been granted to the project. However, PP has submitted the valuation report of the said project duly prepared by the competent registered valuer of Income Tax Authority. Furthermore, a letter dated 11 <sup>th</sup> November, 2022 has been submitted with your good offices in reply to the question raised on the acceptability of

	examine the document and submit their recommendation to SEIAA.	<p>the valuation report. The valuation report prepared by the valuer is in consonance with the MoEFCC OM dated 07.07.2021.</p> <p>As per 07.07.2021 OM EIA report has been prepared by the accredited consultant and same has been duly appraised and recommended by the committee.</p>
c.	<p>The percentage rate has been halved from 1% to 0.5% on the basis of "Information given by the Nodal Officer that as per the records available with directorate and written communication by all concerned in the directorate, no complaint has been received in the Directorate of Environment UP till this date of meeting against the said project regarding starting of construction works at site without obtaining prior environmental clearance." In this regard MoEFCC, GoI OM dated 07.07.2021 clearly states " The percentage rates shall be halved if the PP <i>suo motu</i> reports such violations without such violations coming to the knowledge of the Government either on enquiry or complaint." With regards to real estate, UP RERA, District Administration, Lucknow Development Authority, PCB, Local Municipal Corporation etc can give notices and they are not under any compulsion to mark a copy to Directorate of Environment. Further, construction work, without taking EC, was started in this project and it needs to be established that it never came to the knowledge of any of the regulatory/ Government bodies either through enquiry or complaint. The burden of proof should be on PP and once PP submits documents, same should be examined by SEAC-1 for making their recommendations.</p>	<p>We agree to submit the violation penalty @ 1% of the total project cost incurred on construction till date. However, it is apposite to mention that as per the MoEFCC OM dated 07.07.2021 which provides SOP for the identification and handling of violation cases, if the proponent suo motu intimates about the violation then the penalty amount gets halved and becomes 0.5%. Since at present, there is a paucity of time with us, we are, therefore, submitting the penalty @1% instead of 0.5%. However, in the future, we would seek redemption of the excess amount submitted from the concerned department.</p>
c.	<p>Penalty @1% to be imposed on PP unless PP submits, to SEAC-1, letter/certificate issued from concerned regulatory/ government bodies viz UP RERA, District Administration, Lucknow Development Authority, PCB, Local Municipal Corporation etc. that the violation never came to their either through enquiry or complaint. SEAC-1 to examine these documents and submit their recommendation to SEIAA.</p>	<p>We are submitting the violation penalty @ 1% of the total project cost incurred. However, it is apposite to mention that as per the MoEFCC OM dated 07.07.2021 which provides SOP for the identification and handling of violation cases, if the proponent suo motu intimates about the violation then the penalty amount gets halved and becomes 0.5%. Since at present, there is a paucity of time with us, we are, therefore, submitting the penalty @1% instead of 0.5%. However, in the future, we would seek redemption of the excess amount submitted from the concerned department.</p>
f.	<p>PP/Consultant to submit compliance report through IRO, MoEFCC, GoI, Lucknow, of existing EC, if any, granted to the project.</p>	<p>The project has been constructed without obtaining Environment Clearance since the proponent was bona fide under the impression that the EC is not required by them. Subsequently, the proponent applied for the grant of EC under the violation category vide proposal no. SIA/UP/MIS/</p>

		287849/2022 dated 10 <sup>th</sup> August, 2022. The application for EC is under consideration and EC is yet to be granted to the project. The compliance report shall be forthwith submitted once the EC is granted.									
g.	PP/Consultant to submit compliance report through UPSPCB of existing CTE and CTO.	The project shall apply for CTE post the grant of EC.									
h.	PP to submit details of expenditure made beyond the sanctioned EC, if any, issued/verified either by UP RERA or UP Housing and Development Board or LDA or any other competent Government Body in light of MoEFCC, GOI OM dated 07.07.2021	The Environment Clearance has yet not been sanctioned. However, as instructed by the SEIAA 656 <sup>th</sup> minutes of meeting, the PP has already submitted the valuation report prepared by the competent registered valuer of Income Tax Department Er. Anil Kumar Misra. Further, A conscious and liberal interpretation of the above-referenced SEIAA minutes dated 06.10.2022 clearly indicates the use of the word “any other competent government body” which clarifies that there is no impediment to getting the valuation done by any particular organization. Rather, the valuation can be carried out by any competent government body. In the instant case, the Income Tax Authority is a competent government body and the registered valuer is duly registered with the same for carrying out the valuation.									
i.	PP/Consultant to submit point-wise compliance, in tabular form of MoEFCC, GoI, OM No. 22-21/2020-IA.III dated 07.07.2021 (SOP for identification and handling of violation cases under EIA Notification, 2006)	<p>The MoEFCC, GoI, OM No. 22-21/2020-IA.III dated 07.07.2021 creates a procedural framework to deal with projects that have commenced work without first obtaining the mandatory EC, and make ‘the polluter pay’. In this regard, we again reiterate that we are submitting the violation penalty @ 1% of the total project cost incurred. However, it is apposite to mention that as per the MoEFCC OM dated 07.07.2021 which provides SOP for the identification and handling of violation cases, if the proponent suo motu intimates about the violation then the penalty amount gets halved and becomes 0.5%. Since at present, there is a paucity of time with us, we are, therefore, submitting the penalty @1% instead of 0.5%. However, in the future, we would seek redemption of the excess amount submitted from the concerned department</p> <p>Point-wise compliance in tabular form of MoEFCC, GoI, OM No. 22-21/2020-IA.III dated 07.07.2021:</p> <table border="1"> <thead> <tr> <th>S. N</th><th>Compliance</th><th>Status</th></tr> </thead> <tbody> <tr> <td>1.</td><td>Submission of Environment Impact Assessment (EIA) report and Environment Management Plan (EMP) in a time bound manner.</td><td>EIA Report and EMP report have been prepared in the prescribed format as per SOP of violation provided vide MoEFCC OM dated 07.07.2021 and Terms of reference granted by SEIAA UP. The EIA/EMP has been appraised by SEAC in 685<sup>th</sup> meeting dated 09/09/2022 and recommended for EC.</td></tr> <tr> <td>2.</td><td>Submission of Bank Guarantee equivalent to the amount of Remediation Plan and Natural &amp;</td><td>The Remediation Plan and Natural &amp; Community Resource Augmentation Plan has been prepared and</td></tr> </tbody> </table>	S. N	Compliance	Status	1.	Submission of Environment Impact Assessment (EIA) report and Environment Management Plan (EMP) in a time bound manner.	EIA Report and EMP report have been prepared in the prescribed format as per SOP of violation provided vide MoEFCC OM dated 07.07.2021 and Terms of reference granted by SEIAA UP. The EIA/EMP has been appraised by SEAC in 685 <sup>th</sup> meeting dated 09/09/2022 and recommended for EC.	2.	Submission of Bank Guarantee equivalent to the amount of Remediation Plan and Natural &	The Remediation Plan and Natural & Community Resource Augmentation Plan has been prepared and
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2.	Submission of Bank Guarantee equivalent to the amount of Remediation Plan and Natural &	The Remediation Plan and Natural & Community Resource Augmentation Plan has been prepared and									

		Community Resource Augmentation Plan with State Pollution Control Board.	submitted to the Honorable SEAC with EIA/EMP report and the same has been recommended by SEAC in 685 <sup>th</sup> Meeting dated 09/09/2022. Recommendations are as follows: "The committee discussed the matter in depth in light of MoEF&CC Violation SoP/Office Memorandum dated 07/07/2021 and recommended grant of environmental clearance (subject to submission of bank guarantee of Rs. 705100/- equivalent to the amount of remediation plan and natural and community resource augmentation plan to UPPCB) on the proposal as above along with standard environmental clearance conditions prescribed by MoEF&CC, GoI." We will submit the same amount to the UPPCB in form of Bank Guarantee after approval from SEIAA.
	3.	For new project, if the operation has not commenced, then 1% of the total project cost incurred upto the date of filing of application along with EIA/EMP report has to be submitted as penalty.	Noted. We agree to submit the violation penalty @ 1% of the total project cost incurred on construction till date. However, since we have suo-motu intimated about the violations to the concerned authority therefore, our liability is halved. At present, there is a paucity of time with us, we are, therefore, submitting the penalty @1% instead of 0.5%. However, in the future, we would seek redemption of the excess amount submitted from the concerned department.
	4.	If the Project Proponent suo-motu reports such	Noted. We have duly intimated about the said violation in the affidavit



		violations without such violations coming to the knowledge of the Government either on enquiry or complaint, then the penalty amount shall be halved.	submit along with the EIA application. Reiterating the above fact, we are currently agreeing to submit penalty @1% however, since we have suo-motu intimated about the violation, therefore, in future, we would seek redemption of the excess amount submitted from the concerned department.
		5. The penalty, as above, shall be in addition to liability for carrying out various remedial measures which shall be worked out based on the damage caused due to unauthorized project activity.	Noted. The penalty for damage assessment, Remedial Plan and Community Augmentation Plan shall be duly submitted in addition to the violation penalty.
j.	A letter shall be sent to DM, Lucknow, VC, Lucknow Development Authority, and MS, SPCB to ensure that no construction is started until valid EC is obtained and in case construction has been carried out without valid EC then work should be stopped and legal action should be initiated against the PP.	As stated at point no 1, the construction was started without obtaining the valid EC. However, after the submission of the application for the grant of EC the proponent has abstained from carrying out any further work, and currently, all the construction activities have been put in abeyance till the grant of EC. It is apposite to mention in this regard that the proponent has communicated the fact of construction without EC in the affidavit submitted with the EIA application.	
k.	Without prejudice to any other consequences, action to be initiated u/s 15 read with section-19 of EPA, 1986 against the PP and project to be closed until EC is granted.	The project is pending the grant of EC and no activity of any kind is being carried out by the proponent in furtherance of the development of the commercial project.	
l.	Project to be closed until EC is granted.	The project is pending the grant of EC and no activity of any kind is being carried out by the proponent in furtherance of the development of the commercial project.	

**After detailed analysis, the committee found the reply satisfactory and recommended to grant of environmental clearance on the proposals along with standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:**

**Additional Conditions:**

1. The project proponent shall submit the penalty as suggested by SEIAA and bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan to the SPCB. The bank guarantee shall be released after successful implementation of the EMP, and after the recommendations of the concerned Regional Office of the Ministry, the SEAC and approval of the regulatory authority.
2. The State Govt./SPCB to take action against the project proponent under the provisions of section 19 of Environment Protection Act, 1986.
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. 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.
5. Project proponent should ensure that there will be no use of "Single use of Plastic" (SUP).

6. 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.
7. The project proponent should develop 03 tier plantations to all around the boundary of project.
8. Project Proponent should adopt 02 villages & develop them as model village.

**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 lightening 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 purposes 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. Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
  5. 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.

6. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
7. Wet jet shall be provided for grinding and stone cutting.
8. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
9. 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.
10. 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.
11. 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. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
12. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Water quality monitoring and preservation:
  1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
  2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
  3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
  4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
  5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
  6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
  7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
  8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
  9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
  10. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
  11. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
  12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge

is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.

13. All recharge should be limited to shallow aquifer.
14. No ground water shall be used during construction phase of the project.
15. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
18. No sewage or untreated effluent water would be discharged through storm water drains.
19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
4. Noise monitoring and prevention:
  1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
  2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
  3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
5. Energy Conservation measures:
  1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
  2. Outdoor and common area lighting shall be LED.
  3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
  4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.

5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
6. Waste Management :
  1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
  2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
  3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
  4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
  5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
  6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
  7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
  8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25<sup>th</sup> January, 2016. Ready mixed concrete must be used in building construction.
  9. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
  10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
7. Green Cover:
  1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
  2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
  3. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
  4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
8. Transport:

1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
  - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
  - b. Traffic calming measures.
  - c. Proper design of entry and exit points.
  - d. Parking norms as per local regulation.
2. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
9. Human health issues :
  1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
  2. For indoor air quality the ventilation provisions as per National Building Code of India.
  3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  4. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
  5. Occupational health surveillance of the workers shall be done on a regular basis.
  6. A First Aid Room shall be provided in the project both during construction and operations of the project.
10. Corporate Environment Responsibility:
  1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
  2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
  3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
  4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
11. Miscellaneous:

1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
5. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
6. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
8. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
9. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
10. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
11. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
13. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
14. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
15. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

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

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

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

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

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

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

**Nodal, SEAC-1**

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

**Annexure-1**

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

**A. General Conditions:**

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under the law.
3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization, and scope of working shall again require prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, the quantum of mineral and waste shall be made.
5. Mining will be carried out as per the approved mining plan. In case of any violation of the mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO<sub>2</sub>, NO<sub>x</sub> monitoring. The location of the stations should be decided based on the meteorological data, topographical features, and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board. The monitored data for criteria pollutants shall be regularly uploaded on the company's website and also displayed on the website.
7. Data on ambient air quality (RPM, SPM, SO<sub>2</sub>, NO<sub>x</sub>) should be regularly submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and the State Pollution Control Board / Central Pollution Control Board once in six months.
8. Ambient air quality at the boundary of the mine premises shall conform to the norms prescribed in MoEF notification no. GSR/826(E) dated 16.11.09.
9. Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading, and at transfer points shall be provided and properly maintained.
10. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with earplugs/muffs and health records of the workers shall be maintained.
11. Industrial wastewater (workshop and wastewater from the mine) should be properly collected, treated to conform to the standards prescribed under GSR 422 (E) dated 19th May 1993 and 31<sup>st</sup> December 1993 or as amended from time to time. Oil and grease traps shall be installed before the discharge of workshop effluents.
12. Personnel working in areas shall be provided with protective respiratory devices like masks and they shall also be imparted adequate training and information on safety and health aspects.
13. Special measures shall be adopted to prevent the nearby settlements from the impacts of mining activities.
14. The transportation of the materials shall be limited to the day hours' time only.
15. Provision shall be made for housing the laborers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
16. A separate Environmental Management Cell with suitably qualified personnel shall be setup under the control of a Senior Executive, who will report directly to the Head of the Organization.
17. The Project Proponent shall inform the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board regarding the date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
18. The funds earmarked for environmental protection measures shall be kept in a separate account and shall not be diverted for other purposes. The year-wise expenditure shall be reported to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board



19. The Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board shall monitor compliance with the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan, Public hearing, and other documents information should be given to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board
20. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat, and Municipal Bodies as applicable in the matter.
21. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Level Environment Impact Assessment Authority (SEIAA).
22. The Project Proponent has to submit a regular half-yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the SEIAA, U.P. on 1<sup>st</sup> June and 1st December of each calendar year.
23. The SEIAA may alter/modify the above conditions or stipulate any further condition in the interest of environmental protection.
24. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

**B. Specific Conditions:**

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

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

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

- be committed. The trucks transporting minerals shall not pass through the wildlife sanctuary if any in the study area.
38. Prior permission from the Competent Authority shall be obtained for the extraction of groundwater if any.
  39. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
  40. Project Proponent shall explore the possibility of using solar energy where ever possible.
  41. Commitment towards CER has to be followed strictly.
  42. Regular health checkup record of the mineworkers has to be maintained at the site in a proper register. It should be made available for inspection whenever asked.
  43. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB, and other Govt. Agencies from time to time.
  44. The blasting will be done only after getting permission from the Mining Department.

**Annexure-2**

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

**General condition:**

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

**Specific Conditions:**

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

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