

### Minutes of 631<sup>th</sup> SEAC-2 Meeting Dated 01/03/2022

The 631<sup>th</sup> meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 11:00 AM on 18/02/2022. Following members participated in the meeting:

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

The Chairman welcomed the members to the 631<sup>st</sup> SEAC-2 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-2 informed the committee that the agenda has been approved by the Member Secretary, SEAC-2/Director Environment. Nodal Officer, SEAC-2 placed the agenda items along with the available file and documents before the SEAC-2.

**1. Stone (Gitti & Boulder) Mining at Khasra No./Plot No./Gata No.-1144, Khand No.-03, Village- Mamauli, Tehsil- Meja, Prayagraj., M/s Kumar Area-2.024 ha File No. 4990/Proposal No. SIA/UP/MIN/40954/2019**

The committee noted that the matter was earlier listed in 606<sup>th</sup> SEAC meeting dated 11/12/2021 and the project proponent did not appear in the meeting. The project proponent vide letter dated 07/01/2022 has requested to list the matter in upcoming SEAC meeting and the matter was listed in 631<sup>st</sup> SEAC meeting dated 01/03/2022.

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

1. The environmental clearance is sought for Building Stone (Gitti-Boulder) Sand Stone mine, at Khasra no. /Plot no./ Gata No. – 1144, Khand No.3, Area 2.024 ha. (5.0 Acres) at Village – Mamauli, Tehsil- Meja, District- Prayagraj, Uttar Pradesh, M/s Kumar Garnitey/90284.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no 425/Parya/SEAC/4990/2019, dated: 27/11/2019.
3. The public hearing was organized on 28/10/2021 at Tehsil Meja. Prayagraj, Uttar Pradesh. Final EIA report submitted by the project proponent on 26/11/2021.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/40954/2019
2.	File No. allotted by SEIAA, UP	4990
3.	Name of Proponent	M/s Kumar Garnitey/90284 Prop : Shri Ateek Ahmad
4.	Full correspondence address of proponent and mobile no.	R/o: Plot No.-154, Vivek Nagar, Kanpur Sagar Road, Kabrai, Mahoba-210424 Uttar Pradesh Mobile no. – 6393807538 E mail ID - ateeckstoneald@gmail.com
5.	Name of Project	Environment Clearance for proposed Building Stone (Gitti-Boulder) Sand Stone mine, at Khasra no. /Plot no./ Gata No. – 1144, Khand No.3, Area 2.024 ha. (5.0 Acres) at Village –

		Mamauli, Tehsil- Meja, District- Prayagraj, Uttar Pradesh of M/s Kumar Garnitey/90284.																	
6.	Project Location (Plot. Khasra/Gata No.)	Gata No. – 1144, Khand No.3																	
7.	Name of River	Building stone Mining (Nearest River Tons River - 2.83* Km (NW) )																	
8.	Name of Village	Mamauli																	
9.	Tehsil	Meja																	
10.	District	Prayagraj																	
11.	Name of Minor Mineral	Building Stone (Khanda, Boulder Gitti)																	
12.	Sanctioned Lease Area (in Ha.)	2.024 ha																	
13.	Max. & Min mRL within lease area	The highest level is 110.10 mRL The lowest level is 98.10 mRL																	
14.	Pillar Coordinates (Verified by DMO)	<table><tr><th>Point</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>25° 08' 37.04'N</td><td>82° 01' 52.41'E</td></tr><tr><td>B</td><td>25° 08' 36.09'N</td><td>82° 02' 03.41'E</td></tr><tr><td>C</td><td>25° 08' 33.60'N</td><td>82° 02'03.62'E</td></tr><tr><td>D</td><td>25° 08' 34.37'N</td><td>82° 01'51.80'E</td></tr></table>	Point	Latitude	Longitude	A	25° 08' 37.04'N	82° 01' 52.41'E	B	25° 08' 36.09'N	82° 02' 03.41'E	C	25° 08' 33.60'N	82° 02'03.62'E	D	25° 08' 34.37'N	82° 01'51.80'E		
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B	25° 08' 36.09'N	82° 02' 03.41'E																	
C	25° 08' 33.60'N	82° 02'03.62'E																	
D	25° 08' 34.37'N	82° 01'51.80'E																	
15.	Total Geological Reserves	4,19,434 m <sup>3</sup>																	
16.	Total Mineable Reserve	2,71,104 m <sup>3</sup>																	
17.	Total Proposed Production	1,01,200 m <sup>3</sup> (5 Year)																	
18.	Proposed Production /year (as per LoI)	20,240 m <sup>3</sup>																	
19.	Sanctioned Period of Mine lease	5.0 years																	
20.	Production of mine/day	67.46 m <sup>3</sup> /day																	
21.	Method of Mining	Opencast semi- mechanized																	
22.	No. of working days	300																	
23.	Working hours/day	8																	
24.	No. of worker	27																	
25.	No. of vehicles movement/day	4																	
26.	Type of Land	Govt./Non Forest Land																	
27.	Ultimate of Depth of Mining	12.0 m																	
28.	Nearest metalled road from site	0.60 km																	
29.	Water Requirement	PURPOSE Drinking - 0.27 KLD Suppression of dust - 7.2 KLD Plantation - 0.25 KLD Others (if any) - 0.00 KLD Total - 7.72 KLD																	
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124/RA 0224 Valid till – 01/05/2024																	
31.	Any litigation pending against the project or land in any court	No																	
32.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No-4020/Khanij/2021-22 dated 17/11/2021																	
33.	Details of Lease Area in approved DSR	Serial no. 428, Page no. 39																	
34.	Project Cost	55.86 Lacs																	
35.	Proposed CER cost	1.11 Lacs																	
36.	Proposed EMP cost	9.93 Lacs																	
37.	Length and breadth of Haul Road	Length – 0.60 km Breadth – 6.00 m																	
38.	No. of Trees to be Planted	250																	

5. The mining would be restricted to the unsaturated zone only above the phreatic water table and will not intersect the groundwater table at any point in time.
6. The mining operation will not be carried out in the safety zone of any bridge or embankment or eco-fragile zone such as the habitat of any wild fauna.

7. There is no litigation pending in any court regarding this project.
8. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

**RESOLUTION AGAINST AGENDA NO. 01**

**The committee discussed the matter and recommended the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to the 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 the 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. The project proponent should explore the possibilities of rainwater harvesting.

**2. Stone (Khandra, Gitti, Boulder )Mining at Gata No.-105, Khand No.- 01, at Village-Athodna, Tehsil-Sadar, District -Jhansi, U.P. Area-2.023 ha. File No. 5985/Proposal No. SIA/UP/MIN/181166/2020**

The committee noted that the matter was earlier listed in 556<sup>th</sup> SEAC meeting dated 06/08/2021 and directed the project proponent to submit following information:

1. Mining Plan approval letter issued by DGM, U.P. vide letter no. 2021/3/14/53478 dated 28-5-2021 wherein, it is mentioned that *"The mining plan is approved for a period of next three months from the date of execution of mining lease deed."* However, the project proponent has submitted the mine plan for five years. The proper clarification is sought, regarding the aforesaid matter.

2. The Project Proponent /Consultant has submitted a letter issued by Senior Mines Officer, Jhansi vide letter no. 42/ 30MMC/2021-22 dated 24-7-2021 addressed to Director, Directorate of Geology and Mining, U.P. regarding amendment in DSR of District, Jhansi. However, Project Proponent /Consultant couldn't produce revision/ incorporation made by the competent Authority in DSR.
3. Proper clarification regarding the discrepancy of mine depth in the mining plan and mining plan approval letter issued by DGM, UP.

The project proponent submitted their replies vide letter dated 10/01/2022 and the matter was listed in 631<sup>st</sup> SEAC meeting dated 01/03/2022. 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 Globus Environment Engineering Services. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Stone (Khanda, Gitti, Boulder )Mining at Gata No.- 105, Khand No.- 01, Village- Athodna, Tehsil-Sadar, District -Jhansi, U.P., (Leased Area-2.023 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/18116/2020		
2. File no. allotted by SEIAA,UP	5985		
3. Name of Proponent	Shri Vinay Kumar S/o Shri Lala Ram Verma		
4.Full correspondence address of proponent and mobile no.	R/o-748, Vanshi Gauhara, Thana-Kotwali Mainpuri, District-Mainpuri (U.P).		
5. Name of Project	Khandas, Boulder, Gitti Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 105 (Khand No. 01)		
7. Name of River	-		
8.Name of Village	Athodna		
9. Tehsil	Sadar		
10.District	Jhansi , U.P.		
11. Name of Minor Mineral	Building Stone “Khanda, Boulder, Gitti, Ballast		
12. Sanctioned Lease Area (in Ha.)	Total Lease Area: 2.023 Ha		
13. Mineable Area (in Ha.)	2.023 Ha		
14. Zero Level mRL	-		
15. Max. & Min mRL within lease area	Highest Point :275.40mRL Lowest Point :262.0mRL		
16. Pillar Coordinates (Verified by DMO)	Sanction Lease Area Co-ordinate		
(Source: Verified Khasra Map)	Pillars	Latitude (N)	Longitude (E)
	A	25°26'2.41"N	78°29'21.43"E
	B	25°26'2.15"N	78°29'25.40"E
	C	25°25'56.41"N	78°29'24.98"E
	D	25°25'56.73"N	78°29'20.89"E
17. Total Geological Reserves (Source: Approved Mining Plan)	4,41,634 m <sup>3</sup>		
18. Total Mineable Reserves (Source: Approved Mining Plan)	2,76,840 m <sup>3</sup>		
19. Total Proposed Production (in five years)	1,51,725 m <sup>3</sup>		
20. Proposed Production/year	30,345 m <sup>3</sup> per annum		
21. Sanctioned Period of Mine lease	20 years		
22. Production of mine/day	116.71 m <sup>3</sup> /day (326.78 T/day), Bulk Density of the mineral = 2.8		
23. Method of Mining	Opencast, semi-mechanized		
24. No. of Working days	260 Days		
25. Working hours/day	8 -10 hours/day		
26. No. Of Workers	34		
27. No. of vehicles movement/day	8 Units (Assumed Loading Capacity: 40 T/Unit)		

28. Type of Land	State Government Land	
29. Ultimate Depth of Mining	12 m (269 mRL – 257 mRL) (Source: Approved Mining Plan)	
30. Nearest metalled road from site	790 m	
Water Requirement	Purpose	Requirement (KLD)
	Drinking	0.510
	Suppression of Dust	3.64
	Plantation	1.25
	Other	1.0
	Total	6.4
32. Name of QCI Accredited Consultant with QCI No. and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Valid Till March 26/2022	
33. Any litigation pending against the project or hand in any court	No	
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section), Jhansi, Letter No. 1557/ एम. एम. सी 30/(2020-21), Dated:26-11-2020	
35. Details of Lease Area in approved DSR	Approved DSR, Jhansi, Letter No. 860/एम-228/2017(खनन नीति)-डीएसआर Dated 03.01.2022,Sr No.11	
36. Proposed CER Cost	Rs. 3.65 Lakhs (5% of the total Project Cost)	
37. Proposed EMP Cost	Rs. 16.16 Lakhs	
38. Length and width of Approach Road	Approach Road Length 260 m & Width 7 m	
39. No. of Trees to be Planted	250 Trees	

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

### **RESOLUTION AGAINST AGENDA NO. 02**

**The committee discussed the matter and recommended the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to the 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 the 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. The project proponent should explore the possibilities of rainwater harvesting.

**3. Revision & Expansion of Group Housing "MRJV Palm Resort" Khasra No.- 10024, 1045, 1046, 107, 1067, 1068, NH-58, Noor Nagar, District- Ghaziabad., M/s MRJV Construction Company File No. 6525/Proposal No. SIA/UP/MIS/224278/2021**

The committee noted that the matter was earlier listed in 556<sup>th</sup> SEAC meeting dated 06/08/2021 and directed the project proponent to submit following information:

1. Certified compliance report for the earlier environmental clearance.
2. Revised water balance diagram.
3. Latest site photograph along with coordinates dates and time.
4. Revised proposal for wastewater treatment and use of treated water for various purposes.
5. Revised parking plan along with electric charging points for electric vehicles.
6. Revised municipal solid waste disposal according to municipal solid waste rules.
7. Layout plan showing the location of STP, DG sets and municipal solid waste disposal system. Also submit the revised green belt plan along with plant species which are environmental friendly.
8. Permission/ approval letter for increasing FAR area from Ghaziabad Development Authority along with chronology shall be submitted.

The project proponent submitted their replies vide letter dated 25/02/2022 and the matter was listed in 631<sup>st</sup> SEAC meeting dated 01/03/2022. As per the file record, the proponent/ consultant has not submitted a hard copy of their replies. A presentation was made by the project proponent along with their consultant M/s Ambiantal Global Pvt. Ltd. The committee discussed the matter and observed that the reply submitted by the project proponent is not complete/satisfactory and needs revised complete replies along with the supporting documents. The committee directed to the project proponent/consultant to submit the revised/complete reply along with documents of the following query points:

1. Queries raised during 589th meeting dated 08/11/2021, their replies should be submitted in hard copy.
2. Permission from competent authority for discharge of STP treated water outside premises in public drain and dual pipelines plan for reuse of treated water in campus should be submitted.
3. Specific point wise presentation should be submitted along with a hard copy.
4. Layout plan of the green area which shows existing/ proposed plantation along with quantities and species with photographs to be submitted.
5. Approved Building plan for revision & expansion and approval letter for increasing FAR area from Ghaziabad Development Authority along with chronology shall be submitted with latest site photographs along with geo-coordinates.

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

**4. Develop T-5 Commercial at Plot No.- 5(T-5) at Busines Bay-1, Sushant Golf City, Hi-Tech, Sultanpur Road, Lucknow., M/s SJP Hotal Resorts Pvt. Ltd., File No. 6501/Proposal No. SIA/UP/MIS/220268/2021**

**RESOLUTION AGAINST AGENDA NO-04**

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

**5. Khanda- Boulder / Gitty- Ballast and Red Morrum Mine at Arazi No. 2456 Kha (Khand 03), Village- Pahra, Tehsil- Sadar, District- Mahoba, U.P., Shri Mavank Gupta, M/S JAGDEESH AND COMPANY, Lease area-4.0 ha., File No. 6645/Proposal No. SIA/UP/MIN/235508/2021**

The committee noted that the matter was earlier listed in 597<sup>th</sup> SEAC meeting dated 29/11/2021 and the project proponent did not appear in the meeting. The project proponent vide letter dated 24/02/2022 has requested to list the matter in upcoming SEAC meeting and the matter was listed in 631<sup>st</sup> SEAC meeting dated 01/03/2022.

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 Cognizance Research India Pvt. Ltd. The committee discussed the matter and directed the project proponent to submit following information:

1. Geo coordinates are not as per the DSR issued & advertisement made vide letter no. 222/MMC/vigyapti-Sa-Vo./Gi.Bai/2022-21, dated 26/05/2021. Needs clarification.
2. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map, permission and agreement to be submitted.

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

**6. Expansion of Production Capacity 100 TPD To 500 TPD Of Cement Grinding Unit Plot No. D-15, Ramnagar Industrial Area, Tehsil: BilariDih Chandauli., Shri Pankaj Kumar Singh, M/s Alaknanda Cement Pvt. Ltd., File No. 6133/Proposal No. SIA/UP/IND/60022/2021**

The committee noted that the matter was earlier listed in 614<sup>th</sup> SEAC meeting dated 29/12/2021 and directed the project proponent to submit following information:

1. Detailed technical specification of plant and machinery to be installed/modified in existing plant machinery for proposed expansion.
2. Clarification for not obtained Environment clearance under the provision of EIA notification 1994/ EIA notification 2016 shall be provided. Compliance report of CTE/CTO from the SPCB and present status of unit should be submitted.
3. Layout map indicating existing unit, proposed unit, storage area, plant area, utility area and green belt area etc.
4. Layout of industrial area indicating location of said unit within the industrial area.
5. Total cost and recurring cost/ annum for environmental control measures shall be included in EMP.
6. Photographs of the proposed and existing plant site with location along with geo-coordinates date and time to be submitted.
7. Transportation plan for raw material from source to plant site to be submitted.

The project proponent submitted their replies vide letter dated 25/02/2022 and the matter was listed in 631<sup>st</sup> SEAC meeting dated 01/03/2022. 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 Globus Environment Engineering Services. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Expansion of Production Capacity 100 TPD To 500 TPD Cement Grinding Unit at Plot No. D-15, Ramnagar Industrial Area, Tehsil: Bilari Dih Chandauli, U.P., M/s Alaknanda Cement Pvt. Ltd.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 14/Parya/SEIAA/6133/2020, dated 06/04/2021.
3. The public hearing was organized on 03/09/2021 at the project site and final EIA report submitted by the project proponent on 27/11/2021.
4. Comparative details of existing and expansion proposal:

Sr.No.	Details	Existing (100 Tpd)	Proposed (500 Tpd)
1	Cement Mill	Size ( 2.0 Mtr X 10.0 Mtr)	Size ( 2.8 Mtr X 12.5 Mtr)
2	Drive Arrangement	Motor (250 Kw)	Motor (1100 Kw)
3	Transfermer	Capacity (1000kva)	Capacity (1000kva)+ (1600kva)
4	Weigh Feeder	-	-
5	Clinker	Capacity 6 Mth	Capacity 12 Mth (Only Load Cell Capacity Extended)
6	Flyash	Capacity 4 Mth	Capacity 7 Mth (Only Load Cell Capacity Extended)
7	Gypsum	Capacity 1 Mth	Capacity 2 Mth (Only Loadcell Capacity Extended)
8	Clinker Yard	Size (30.0 Mtr X 20.0 Mtr)	Size (30.0 Mtr X 25.0 Mtr)
9	Flayash Silo	Size (20.0 Mtr X 20.0 Mtr)	Convert To Flyash Silo (9.0 Mtr Dia)
10	Packing Section	Size (20.0 Mtr X 20.0 Mtr)	Size (20 Mtr X 15 Mtr)
11	Laboratory	10 Sqm	10 Sqm
12	Office	30 Sqm	30 Sqm
13	Guard Room	15 Sqm	15 Sqm
14	Open Area For Parking	1500 Sqm	1312 Sqm
15	Green Area	-	1380 Sqm
16	Compressor Capacity	40 Cmh	75 Cmh

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

On-line Proposal No.	SIA/UP/IND/60022/2021, Dated- 27.11.2021		
File No. allotted by SEIAA, UP	6133		
Name of Project	Expansion In Production Capacity 100 TPD To 500 TPD of Cement Grinding Unit, M/s Alaknanda Cement Pvt. Ltd.		
Project location (Plot/Khasra/Gata No.)	Plot No. D-15, Ramnagar Industrial Area, Tehsil: Bilari Dih, District: Chandauli, State: Uttar Pradesh, Pin- 221110		
Total Plot Area	4182 sq. mt.		
Category of Project	Schedule 3b, Category B. As per the EIA Notification, 2006 & its amendments issued by MOEF&CC Govt of India, this project is categorized as Category B Project.		
Existing Production	100 TPD		
Proposed Production	500 TPD		
Total Proposed Project Cost	1688 Lakhs		
Pillar Coordinates	Pillar	Latitudes (N)	Longitudes (E)
	A	25°14'58.77"N	83° 3'33.41"E
	B	25°14'57.44"N	83°3'32.77"E
	C	25°14'58.73"N	83°3'29.80"E
	D	25°15'0.08"N	83°3'30.41"E



	Toposheet No. 63O/03
Proposed CER cost	42.0 Lakhs (2.5% of the total Project Cost)
Proposed EMP cost	135 Lakhs
Nearest Transportation Road	National Highway-19, Distance:500 m, North
Type of the Project	Capacity Expansion
Power Requirement & Source	Proposed :600 kVA Source: Supplied by UPRVVNL
Water Requirement	8.5 KLD
Man power requirement	100
Details if project falls under the purview of A) FCA,1980 B) WLPA,1972 C) CRZ, 2011	Not Applicable
CPA/SPA/ESA/ESZ, if any	Not Applicable
Name of QCI Accredited Consultant with QCI No. and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Valid Till March 26/2022

**6. Land use details:**

Sr. No.	Particular	Area (m <sup>2</sup> )	% of Total Land
1.	Security cabin	15	0.36
2.	Office building	30	0.72
3.	Weigh bridge & cabin	10	0.24
4.	Shed Area	350	8.37
5.	Storage Area (Raw Material & Finished Product)	700	16.74
6.	Toilet	20	0.48
7.	Emergency Staff Room	15	0.36
8.	Parking Area	350	8.37
9.	Green belt	1380 m <sup>2</sup>	33.00
10.	Open Area	1312	31.37
	Total Plot Area	4,182 m <sup>2</sup>	100.00

**7. Details of raw material:**

Material	Existing	Proposed (TPA)	%	Source	Mode Of Transport	Stored At Site (Tonnes)
Clinker	22000 TPA	109800 TPA	65-70%	Rajasthan, Chhatishgarh & Madhya Pradesh	Road/Rail	(Silos)
Fly ash	12600 TPA	63000 TPA	25-30%	Hindalco and NTPC Renukoot	Road	(Silos)
Gypsum	1255 TPA	6090 TPA	5%	Rajasthan & retailers based in adjoining region	Road	(Covered Shed)

**8. Water requirement details;**

Source of Water: Bore well				
S. No.	Particulars	Water Consumption (KLD)	Waste Water Generation (KLD)	Remarks
A.	Drinking & Domestic Utility	4.5	3.6	Domestic waste water will be treated in STP and will be used for Greenbelt Development.
B.	Dust Suppression	3.0	Nil	
C.	Plantation	1.0	Nil	
	Total Fresh Water	8.5	3.6	
D.	STP Capacity - 05 KLD			

**9. The project proposal falls under category-3(b) of EIA Notification, 2006 (as amended).**

**RESOLUTION AGAINST AGENDA NO-06**

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

- I. Project proponent should identify 05 villages and adopt them for its development.
- II. Prior permission from competent authority should be obtained regarding discharge of excess treated water in to public drain.
- III. Allergy test should also be included in health checkup of works.
- IV. Statutory compliance
  - i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
  - ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
  - iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
  - iv. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the State pollution Control Board.
  - v. 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.
  - vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- V. Air quality monitoring and preservation
  - i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25<sup>th</sup> August, 2014 (Cement) and subsequent amendment dated 9<sup>th</sup> May, 2016 (Cement) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
  - ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
  - iii. The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions . (case to case basis small plants: Manual; Large plants: Continuous).
  - iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six- monthly monitoring report.
  - v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
  - vi. The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.
  - vii. Pollution control system in the cement plant shall be provided as per the CREP

Guidelines of CPCB.

- viii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
- ix. Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.
- x. Provide wind shelter fence and chemical spraying on the raw material stock piles.
- xi. Have separate truck parking area and monitor vehicular emissions at regular interval.
- xii. Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts/railways as a mode of transport.
- xiii. Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, cement bagging plants

**VI. Water quality monitoring and preservation:**

- i. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25th August, 2014 (Cement) and subsequent amendment dated 9th May, 2016 (Cement) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (Case to case basis small plants: Manual; Large plants: Continuous).
- ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers /sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- iii. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- iv. Adhere to Zero Liquid Discharge.
- v. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- vi. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off
- vii. The project proponent shall practice rainwater harvesting to maximum possible extent.
- viii. Water meters shall be provided at the inlet to all unit processes in the cement plant.
- ix. The project proponent shall make efforts to minimize water consumption in the cement plant complex by segregation of used water, practicing cascade use and by recycling treated water.

**VII. Noise monitoring and prevention**

- i. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules , 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

**VIII. Energy Conservation measures**

- i. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- ii. Provide the project proponent for LED lights in their offices and residential areas.
- iii. Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.

**IX. Waste management**

- i. The waste oil, grease and other hazardous shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
- ii. Kitchen waste shall be composted or converted to biogas for further use. (to be decided on

case to case basis depending on type and size of plant).

- X. Green Belt
  - i. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.
  - ii. The industry shall develop green belt as per the map provided by the PP and adopt area in existing industrial area to compensate 33% green belt.
  - iii. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.
- XI. Public hearing and Human health issues
  - i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
  - ii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
  - iii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
  - iv. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- XII. Corporate Environment Responsibility
  - i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
  - ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements /deviation/violation of the environmental / forest /wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and shareholders I stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
  - iii. A separate Environmental Cell both at the project and company head quarter level , with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
  - iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry /Regional Office along with the Six Monthly Compliance Report.
  - v. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
  - vi. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the cement plants shall be implemented.
- XIII. Miscellaneous
  - i. Under CER activity as committed ambulance for handicapped, equipped with medical facilities may be provided.
  - ii. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall

- also be displayed in the project proponent's website permanently.
- iii. 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.
  - iv. 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.
  - v. The project proponent shall monitor the criteria pollutants level namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
  - vi. 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.
  - vii. The project proponent shall submit the environmental statement for each financial year in Form-V to the State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
  - viii. 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.
  - ix. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
  - x. 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.
  - xi. 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).
  - xii. 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.
  - xiii. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
  - xiv. The Ministry reserves the right to stipulate additional conditions if found necessary.
  - xv. The Company in a time bound manner shall implement these conditions.
  - xvi. 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.
  - xvii. 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.
  - xviii. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**7. Stone (Khanda, Gitti, Boulder) Mining at Araj No./ Gata No.-1 Kha, Khand No.-V/6, Village- Veerpur, Tehsil- Meja, Prayagraj., M/s Akhilesh Kumar Singh, Area- 2.834 ha., File No. 6032/Proposal No. SIA/UP/MIN/58920/2020**

The committee noted that the matter was earlier listed in 616<sup>th</sup> SEAC meeting dated 05/01/2022 and directed the project proponent to submit following information:

1. Plan for vehicular movement from lease site to link road with detailed information.

2. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
3. Detailed proposal about the technology to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement.
4. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted.
5. Water requirement details along with source of water.
6. Original Monitoring report along with site photographs, date, time and place with geo coordinates.
7. EIA report as per procedure laid down in appendix-v & paragraph-7 of EIA Notification, 2006.

The project proponent submitted their replies vide letter dated 11/02/2022 and the matter was listed in 631<sup>st</sup> SEAC meeting dated 01/03/2022. The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and Development. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Building Stone (Khanda, Boulder Gitti) Sand Stone mine at Araj No./Gata No.- 1 Kha, Khand No.-V/6, Village – Veerapur Tehsil- Meja, District- Prayagraj, Uttar Pradesh, (Leased Area 2.834 ha.).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no 16/Parya/SEAC/6032/2019, dated: 06/04/2021.
3. The public hearing was organized on 07/12/2021 at Tehsil-Meja. Prayagraj, Uttar Pradesh. Final EIA report submitted by the project proponent on 18/12/2021.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/58920/2020												
2.	File No. allotted by SEIAA, UP	6032												
3.	Name of Proponent	M/s Akhilesh Kumar singh												
4.	Full correspondence address of proponent and mobile no.	Shri Akhilesh Kumar Singh (Prop) S/o Late Rakesh Bahadur singh R/o- 162- Chilbila Nahwai Manda, Tehsil- Meja, District – Prayagraj U.P. Mobile no. – 9919917900 E mail ID - akssandald@gmail.com												
5.	Name of Project	Environment Clearance of Building Stone (Khanda, Boulder Gitti) Sand Stone mine at Araj No./Gata No.- 1 Kha, Khand No.-V/6, Area 2.834 ha. (7.00Acres) at Village – Veerapur Tehsil- Meja, District- Prayagraj, Uttar Pradesh of M/s Akhilesh Kumar singh (Prop)												
6.	Project Location (Plot. Khasra/Gata No.)	1 Kha, Khand No.-V/6												
7.	Name of River	Building stone Mining (Nearest River Kamauti River- 0.6 km (N)												
8.	Name of Village	Veerapur												
9.	Tehsil	Meja												
10.	District	Prayagraj												
11.	Name of Minor Mineral	Building Stone (Khanda, Boulder Gitti)												
12.	Sanctioned Lease Area (in Ha.)	2.834 ha												
13.	Max. & Min mRL within lease area	The highest level is 114.0 mRL The lowest level is 102.0 mRL												
14.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Point</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr> <td>A</td><td>25° 08.005'N</td><td>82° 16.827'E</td></tr> <tr> <td>B</td><td>25° 08.033'N</td><td>82° 16.898'E</td></tr> <tr> <td>C</td><td>25° 07.900'N</td><td>82° 16.938'E</td></tr> </tbody> </table>	Point	Latitude	Longitude	A	25° 08.005'N	82° 16.827'E	B	25° 08.033'N	82° 16.898'E	C	25° 07.900'N	82° 16.938'E
Point	Latitude	Longitude												
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B	25° 08.033'N	82° 16.898'E												
C	25° 07.900'N	82° 16.938'E												

		D	25° 07.885'N	82° 16.878'E
15.	Total Geological Reserves	9,11,395 m <sup>3</sup>		
16.	Total Mineable Reserve	3,77,096 m <sup>3</sup>		
17.	Total Proposed Production	1,41,700 m <sup>3</sup> (5 Year)		
18.	Proposed Production /year (as per LoI)	28,340 m <sup>3</sup>		
19.	Sanctioned Period of Mine lease	20 years		
20.	Production of mine/day	95.0 m <sup>3</sup> /day		
21.	Method of Mining	Opencast semi- mechanized		
22.	No. of working days	300		
23.	Working hours/day	8		
24.	No. of worker	30		
25.	No. of vehicles movement/day	12		
26.	Type of Land	Govt./Non Forest Land		
27.	Ultimate of Depth of Mining	11.0 m		
28.	Nearest metalled road from site	0.40 km		
29.	Water Requirement	PURPOSE		
		Drinking - 0.30 KLD		
		Suppression of dust - 4.8 KLD		
		Plantation - 0.50 KLD		
		Others (if any) - 0.00 KLD		
		Total - 5.60 KLD		
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124/RA 0224 Valid till – 01/05/2024		
31.	Any litigation pending against the project or land in any court	No		
32.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No-4504/Khanij/2021-22 dated 31/12/2021		
33.	Details of Lease Area in approved DSR	Serial no. 431, Page no. 39		
34.	Project Cost	1.6 Crore/annum		
35.	Proposed CER cost	3.20 Lacs/annum		
36.	Proposed EMP cost	10.64 Lacs Lacs/annum		
37.	Length and breadth of Haul Road	Length – 0.40 km Breadth – 6.00 m		
38.	No. of Trees to be Planted	500		

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

#### **RESOLUTION AGAINST AGENDA NO. 07**

**The committee discussed the matter and recommended the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to the 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 the 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 3 years 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. The project proponent should explore the possibilities of rainwater harvesting.

**8. Institutional Building (IT/ITES Building) at Plot No.-B-23, Sector-62, Noida, Shri Mukesh Kumar Arora, M/s Seven Star Infosoft Pvt. Ltd., File No. 6580/Proposal No. SIA/UP/MIS/229916/2021**

**RESOLUTION AGAINST AGENDA NO-08**

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

**9. Capacity Expansion of Common Biomedical Waste Management Treatment Storage and Disposal Facility, G-2,3,4 Growth Centre UPSIDC Bijoli, District-Jhansi, U.P., Dr. Vinay Kumar Verma, M/s Medical Pollution Control Committee., File No. 6801/Proposal No. SIA/UP/MIS/70118/2021**

The committee noted that the matter was earlier listed in 616<sup>th</sup> SEAC meeting dated 05/01/2022 and decided as follows:

“Proponent officials were present for the meeting but were not able to present the case before the committee and also could not provide the information regarding the project. The Secretariat informed the committee that the standard terms of reference for the above project proposal has already been issued through online Parivesh portal. The committee went through the file and documents and opined that since being an expansion project the additional terms of reference is required in the matter. Hence, the committee directed the project proponent/consultant to present their case before SEAC for additional TOR points for the preparation of EIA report.”



As per decision of SEAC, the matter was listed in 631<sup>st</sup> SEAC meeting dated 01/03/2022. 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 Green Enviro Engineers Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Capacity Expansion of Common Biomedical Waste Management Treatment Storage and Disposal Facility, G-2,3,4 Growth Centre UPSIDC Bijoli, District-Jhansi, U.P., M/s Medical Pollution Control Committee.

2. Project brief:

Name of the company	Medical Pollution Control Committee
Location of Industry	Located at G-2,3,4 Growth Centre UPSIDC Bijoli, District-Jhansi, Uttar Pradesh
S.No. In the schedule	7 (da): Common Bio-medical Waste Treatment Facility
Project Proponent	Dr. Vinay Kumar Verma, Secretary M/s Medical Pollution Control Committee G-2,3,4 UPSIDC Growth Centre Bijauli, Jhansi
Proposed plant capacity	ETP- 10 KLD of ETP is proposed and plant will work on Zero liquid discharge concept.
Geo-Coordinates	Latitude: 25°22'18.59"N Longitude: 78°32'13.42"E
Type of Project	Expansion
Identification of Project	Proposed project of CBWTF falls under Category B-1, schedule 7(da) as per the EIA Notification 14 <sup>th</sup> Sep, 2006 and subsequent amendment dated 1 <sup>st</sup> December, 2009 & 17 <sup>th</sup> April, 2015.
Proposed Treatment Capacity	20 tons per day of Bio Medical Waste
Forest area/wildlife if any	None

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

S. No	Parameter	Description
1.	Identification of project	The Proposed project of CBWTF falls under Category B-1, schedule 7(da) as per the EIA Notification 14 <sup>th</sup> Sep, 2006 and subsequent amendments dated 1 <sup>st</sup> December, 2009 & 17 <sup>th</sup> April, 2015.
2.	Proposed Project	Environment Clearance for Expansion of Common Biomedical Waste Treatment Facility (CBWTF) located at G-2,3,4 Growth Centre UPSIDC Bijoli, District-Jhansi, Uttar Pradesh. M/s Medical Pollution Control Committee.
3.	Total area of the Plant	0.30 ha (0.74 Acre)
4.	Capital Cost	Rs. 2.0 Crores
5.	Location	G-2,3,4 Growth Centre UPSIDC Bijoli, District-Jhansi, Uttar Pradesh. .
6.	Coordinates of the Site	
7.	Water Requirement/Source	
	Water Requirement (KLD)	Fresh water required: 5 KLD Recycled Water 5 KLD Total water Required– 10 KLD Source- Borewell
	Source of water	Ground Water Supply
8.	Water Break-up	Incineration Process : 2.40 KLD Steam Generation (Heat Exchanger) : 0.20 KLD Miscellaneous i.e. Floor & Vehicle washing etc. : 3.80 KLD Domestic Purpose : 0.60 KLD Green Belt : 3.00 KLD Total : 10.00 KLD
9	Waste Water Management	Proposed ETP (Capacity –10.0 KLD). Ind. Activities: 4.50 KLD, Domestic Purpose: 0.50 KLD.

	Waste water generation Mode of Disposal	Treated water from proposed ETP will be reused in Green belt for irrigation purpose.
10	Employment generation	Total – 25 Nos.
11	Power Supply/ Start up Power	Total – 40 KW (Sources from UPPCL)
12	DG sets	Total – 65.0 KVA (01 No.) Fuel - LSD
13	Land form, Land use and land ownership	UPSIDC Jhansi Industrial Land/Area (Notify land by UP Govt.)

**4. Hazardous waste details:**

Sl. No.	Source	Quantity of hazardous waste Generated (Approx.)	Category according to Schedule I of hazardous waste	Treatment/ Disposal
1.	Spent Oil from DG set	0.0025 MTPA	5.1	Authorized /Approved recyclers
2.	Discarded Containers /Barrels	100 Nos./Annum	33.1	Handed over to authorized recyclers/re-processors
3.	Sludge from Wet Scrubbers	1.0 MTPA	37.1	Send to TSDF / Co processing industries.
4.	Ash from incinerator and flue gas cleaning residue	5.0 MTPA	37.2	Send to TSDF / Co processing industries.

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

**RESOLUTION AGAINST AGENDA NO-09**

**The committee discussed the matter and recommended to issue terms of reference for the preparation of Environment Impact Assessment Report (EIA) regarding the project:**

1. The project proponent shall prepare EIA report which includes need-based socio economic study area.
2. The project proponent shall consider socio economic study and prepare CER plan accordingly.
3. The project proponent shall submit HCF's beds details and other bio-medical waste sources duly certified by concerning CMOs and other competent authority in the radial distance of 75 kms area of proposed CBWTF at the time of EIA presentation.
4. Project proponent shall submit the point wise clarification/ proposal for biomedical waste treatment and disposal with respect to revised guidelines for CBMWTF 2016 of CPCB.
5. The proposal should include storage/collection facility at proposed site for biomedical waste as per CBMWTF revised guidelines 2016 of CPCB.
6. Common biomedical waste inventory should be provided.
7. The EIA report should address regarding the disposal of covid-19 waste as per the latest guidelines.
8. PP/Consultant should provide the details of other bio medical waste facility within 75 Km radius of the proposed site with location and geo coordinates (along with map).
9. Project proponent submit the compliance of revised Guidelines for Common Bio-Medical Waste Treatment Facility, 2016 issued by CPCB.
10. Reasons for selecting the site with details of alternate sites examined/rejected/selected on merit with comparative statement and reason/basis for selection. The examination should justify site suitability in terms of environmental damages, resources sustainability associated with selected site as compared to rejected sites. The analysis should include parameters considered along with weightage criteria for short-listing selected site.
11. Submit the details of the road/rail connectivity along with the likely impacts and mitigative measures.

12. Submit the present land use and permission required for any conversion such as forest, agriculture etc.
13. Executive summary of the project – giving a prima facie idea of the objectives of the proposal, use of resources, justification, etc. In addition, it should provide EMP.
14. Land requirement for the facility including its break up for various purposes, its availability and optimization.
15. Details of proposed layout clearly demarcating various activities such as security. Waste Storage Rooms, Waste Treatment Equipment Rooms/Areas, Treated Waste Storage Room, Pollution Control Devices like APCS and ETP, ash storage/disposal area, vehicle washing areas, and others such as admin area, worker's room, health centers, greenbelt, etc.
16. Details on collection and transportation of Bio Medical Waste from health care establishments, No. of vehicles and feature of vehicles, etc.
17. Details of the treatment equipment's capacity and make. Details of the incineration system – a statement on the compliance to the CPCB guidelines for common bio medical waste incinerators in respect of waste feed cutoffs, operating parameters of combustion chambers, flue gas cleaning, ash handling, etc. Details on fuel requirement for incineration. Details on flue gas emissions discharge through stack and proposed pollution control technologies. Details on residue/ash generation and management. Details of waste heat utilization, if any. Details on wastewater management alongwith zero discharge plans as committed by the project proponent.
18. Details of the proposed overall safety and health protection measures and submit specific programme.
19. Details on source of water and power supply along with solar light provision.
20. Details of the existing access road(s)/walkways to the designed operations in the site and its layout.
21. Location of the incineration facility and nearest habitats with distances from the facility to be demarcated on a toposheet (1: 50000 scale).
22. Land use map based on satellite imagery including location specific sensitivities such as national parks / wildlife sanctuary, villages, industries, etc.
23. Topography details.
24. Surface water quality of nearby water bodies.
25. Details on proposed groundwater monitoring wells, locations, frequency of monitoring, parameters, etc.
26. 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 alongwith list of beneficiaries with their mobile nos./address.
27. Action plan for the greenbelt development in accordance to CPCB published guidelines.
28. Details on pollution control technologies and online monitoring equipments.
29. Details on monitoring of pollutants at source –performance of the incinerator. Including operating hours, fuel consumption, operating parameters (Combustion chamber – temperature, pressure, Stack temperature, total particulate matter, HCl, NOx as per Bio Medical Waste (Management & Handling) Rules 1998.
30. Stack and fugitive emissions may be monitored for SPM, SO<sub>2</sub> & NOx as per Bio Medical Waste (Management & Handling) Rules 2016.
31. Details of Administrative and technical organizational structure.
32. EMP devised to mitigate the adverse impacts of the project should be provided along with item-wise cost of its implementation (Capital and recurring costs).
33. Details of the emergency preparedness plan and on-site & off-site disaster management plan.
34. Affidavit to be submitted for the actual surveys done with detailed photographs of monitoring etc.
35. Examine the details of transportation of Hazardous wastes, and its safety in handling.
36. Examine and submit the details of on line pollutant monitoring.
37. Examine the details of monitoring of Dioxin and Furon.

38. MoU for disposal of ash through the TSDF.
39. MoU for disposal of scrubbing waste water through CETP.
40. Examine and submit details of monitoring of water quality around the landfill site.
41. Examine and submit details of the odour control measures.
42. Examine and submit details of impact on water body and mitigative measures during rainy season.
43. Environmental Management Plan should be accompanied with Environmental Monitoring Plan and environmental cost and benefit assessment. Regular monitoring shall be carried out for odour control.
44. Water quality around the landfill site shall be monitored regularly to examine the impact on the ground water.
45. The storage and handling of hazardous wastes shall be as per the Hazardous Waste Management Rules.
46. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
47. Public hearing to be conducted for the project in accordance with provisions of Environmental Impact Assessment Notification, 2006 and the issues raised by the public should be addressed in the Environmental Management Plan. The Public Hearing should be conducted based on the ToR letter issued by the SEIAA.
48. A detailed draft EIA/EMP report should be prepared in accordance with the above additional TOR and should be submitted to the Ministry in accordance with the Notification.
49. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
50. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.

The final EIA report after incorporation of public hearing observations/comments should be submitted to the committee for further consideration of the matter.

**10. Capacity Expansion of Common Biomedical Waste Management Treatment Storage and Disposal Facility. Dr. Vinay Kumar Verma, M/s Medical Pollution Control Committee. D-33 UPSIDC Industrial area Khalabad, District- Sant Kabir Nagar., File No. 6802/Proposal No. SIA/UP/MIS/70546/2021**

The committee noted that the matter was earlier listed in 616<sup>th</sup> SEAC meeting dated 05/01/2022 and decided as follows:

“Proponent officials were present for the meeting but were not able to present the case before the committee and also could not provide the information regarding the project. The Secretariat informed the committee that the standard terms of reference for the above project proposal has already been issued through online Parivesh portal. The committee went through the file and documents and opined that since being an expansion project the additional terms of reference is required in the matter. Hence, the committee directed the project proponent/consultant to present their case before SEAC for additional TOR points for the preparation of EIA report.”

As per decision of SEAC, the matter was listed in 631<sup>st</sup> SEAC meeting dated 01/03/2022. 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 Green Enviro Engineers Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for Capacity Expansion of Common Biomedical Waste Management Treatment Storage and Disposal Facility at D-33 UPSIDC Industrial Area Khalilabad Dist. Sant Kabeer Nagar, Uttar Pradesh, M/s Medical Pollution Control Committee.

2. Project brief:

Name of the company	Medical Pollution Control Committee
Location of Industry	Located at D-33 UPSIDC Industrial Area Khalilabad Dist. Sant Kabeer Nagar, Uttar Pradesh
S.No. In the schedule	7 (da): Common Bio-medical Waste Treatment Facility
Project Proponent	Dr. Vinay Kumar Verma, Secretary M/s Medical Pollution Control Committee D-33 UPSIDC Industrial Area Khalilabad Dist. Sant Kabeer Nagar
Proposed plant capacity	ETP- 10 KLD of ETP is proposed and plant will work on Zero liquid discharge concept.
Geo-Coordinates	Latitude: 26°46'29.09"N Longitude: 83°5'27.02"E
Type of Project	Expansion
Identification of Project	Proposed project of CBWTF falls under Category B-1, schedule 7(da) as per the EIA Notification 14th Sep, 2006 and subsequent amendment dated 1st December, 2009 & 17th April, 2015.
Proposed Treatment Capacity	20 tons per day of Bio Medical Waste
Forest area/wildlife if any	None

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

S. No	Parameter	Description		
1.	Identification of project	The Proposed project of CBWTF falls under Category B-1, schedule7(da) as per the EIA Notification 14th Sep, 2006 and subsequent amendments dated 1st December, 2009 & 17th April, 2015.		
2.	Proposed Project	Environment Clearance for Expansion of Common Biomedical Waste Treatment Facility (CBWTF) located at D-33 UPSIDC Industrial Area Khalilabad, District. Sant Kabeer Nagar, Uttar Pradesh. M/s Medical Pollution Control Committee.		
3.	Total area of the Plant	0.35 ha (0.86 Acre)		
4.	Capital Cost	Rs. 2.0 Crores		
5.	Location	D-33 UPSIDC Industrial Area Khalilabad, District. Sant Kabeer Nagar.		
6.	Coordinates of the Site	Sr. No.	Latitude	Longitude
		1	26°46'29.09"N	83°5'27.02"E
		2	26°46'28.66"N	83° 5'26.26"E
		3	26°46'30.82"N	83° 5'27.12"E
		4	26°46'28.31"N	83° 5'27.41"E
7.	Water Requirement/Source			
	Water Requirement (KLD)	Fresh water required: 5 KLD Recycled Water 5 KLD Total water Required– 10 KLD Source- Borewell		
	Source of water	Ground Water Supply		
8.	Water Break-up	Incineration Process : 2.40 KLD Steam Generation (Heat Exchanger) : 0.20 KLD Miscellaneous i.e. Floor & Vehicle washing etc. : 3.80 KLD Domestic Purpose : 0.60 KLD Green Belt : 3.00 KLD Total : 10.00 KLD		
9	Waste Water Management Waste water	Proposed ETP (Capacity –10.0 KLD). Ind. Activities: 4.50 KLD, Domestic Purpose: 0.50 KLD. Treated water from proposed ETP will be reused in Green belt for irrigation purpose.		

	generation Mode of Disposal	
10	Employment generation	Total – 25 Nos.
11	Power Supply/ Start up Power	Total – 40 KW (Sources from UPPCL)
12	DG sets	Total – 65.0 KVA (01 No.) Fuel - LSD
13	Land form, Land use and land ownership	UPSIDC Industrial Land/Area Santkabir nagar (Notify land by UP Govt.)

**4. Hazardous waste details:**

Sl. No.	Source	Quantity of hazardous waste Generated (Approx.)	Category according to Schedule I of hazardous waste	Treatment/ Disposal
1.	Spent Oil from DG set	0.025 MTPA	5.1	Authorized /Approved recyclers
2.	Discarded Containers /Barrels	100 Nos./Annum	33.1	Handed over to authorized recyclers/re-processors
3.	Sludge from Wet Scrubbers	1.0 MTPA	37.1	Send to TSDF / Co processing industries.
4.	Ash from incinerator and flue gas cleaning residue	5.0 MTPA	37.2	Send to TSDF / Co processing industries.

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

**RESOLUTION AGAINST AGENDA NO-10**

**The committee discussed the matter and recommended to issue terms of reference for the preparation of Environment Impact Assessment Report (EIA) regarding the project:**

1. The project proponent shall prepare EIA report which includes need-based socio economic study area.
2. The project proponent shall consider socio economic study and prepare CER plan accordingly.
3. The project proponent shall submit HCF's beds details and other bio-medical waste sources duly certified by concerning CMOs and other competent authority in the radial distance of 75 kms area of proposed CBWTF at the time of EIA presentation.
4. Project proponent shall submit the point wise clarification/ proposal for biomedical waste treatment and disposal with respect to revised guidelines for CBMWTF 2016 of CPCB.
5. The proposal should include storage/collection facility at proposed site for biomedical waste as per CBMWTF revised guidelines 2016 of CPCB.
6. Common biomedical waste inventory should be provided.
7. The EIA report should address regarding the disposal of covid-19 waste as per the latest guidelines.
8. PP/Consultant should provide the details of other bio medical waste facility within 75 Km radius of the proposed site with location and geo coordinates (along with map).
9. Project proponent submit the compliance of revised Guidelines for Common Bio-Medical Waste Treatment Facility, 2016 issued by CPCB.
10. Reasons for selecting the site with details of alternate sites examined/rejected/selected on merit with comparative statement and reason/basis for selection. The examination should justify site suitability in terms of environmental damages, resources sustainability associated with selected site as compared to rejected sites. The analysis should include parameters considered along with weightage criteria for short-listing selected site.
11. Submit the details of the road/rail connectivity along with the likely impacts and mitigative measures.
12. Submit the present land use and permission required for any conversion such as forest, agriculture etc.

13. Executive summary of the project – giving a prima facie idea of the objectives of the proposal, use of resources, justification, etc. In addition, it should provide EMP.
14. Land requirement for the facility including its break up for various purposes, its availability and optimization.
15. Details of proposed layout clearly demarcating various activities such as security. Waste Storage Rooms, Waste Treatment Equipment Rooms/Areas, Treated Waste Storage Room, Pollution Control Devices like APCS and ETP, ash storage/disposal area, vehicle washing areas, and others such as admin area, worker's room, health centers, greenbelt, etc.
16. Details on collection and transportation of Bio Medical Waste from health care establishments, No. of vehicles and feature of vehicles, etc.
17. Details of the treatment equipment's capacity and make. Details of the incineration system – a statement on the compliance to the CPCB guidelines for common bio medical waste incinerators in respect of waste feed cutoffs, operating parameters of combustion chambers, flue gas cleaning, ash handling, etc. Details on fuel requirement for incineration. Details on flue gas emissions discharge through stack and proposed pollution control technologies. Details on residue/ash generation and management. Details of waste heat utilization, if any. Details on wastewater management alongwith zero discharge plans as committed by the project proponent.
18. Details of the proposed overall safety and health protection measures and submit specific programme.
19. Details on source of water and power supply along with solar light provision.
20. Details of the existing access road(s)/walkways to the designed operations in the site and its layout.
21. Location of the incineration facility and nearest habitats with distances from the facility to be demarcated on a toposheet (1: 50000 scale).
22. Land use map based on satellite imagery including location specific sensitivities such as national parks / wildlife sanctuary, villages, industries, etc.
23. Topography details.
24. Surface water quality of nearby water bodies.
25. Details on proposed groundwater monitoring wells, locations, frequency of monitoring, parameters, etc.
26. 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 alongwith list of beneficiaries with their mobile nos./address.
27. Action plan for the greenbelt development in accordance to CPCB published guidelines.
28. Details on pollution control technologies and online monitoring equipments.
29. Details on monitoring of pollutants at source –performance of the incinerator. Including operating hours, fuel consumption, operating parameters (Combustion chamber – temperature, pressure, Stack temperature, total particulate matter, HCl, NOx as per Bio Medical Waste (Management & Handling) Rules 1998.
30. Stack and fugitive emissions may be monitored for SPM, SO<sub>2</sub> & NO<sub>x</sub> as per Bio Medical Waste (Management & Handling) Rules 2016.
31. Details of Administrative and technical organizational structure.
32. EMP devised to mitigate the adverse impacts of the project should be provided along with item-wise cost of its implementation (Capital and recurring costs).
33. Details of the emergency preparedness plan and on-site & off-site disaster management plan.
34. Affidavit to be submitted for the actual surveys done with detailed photographs of monitoring etc.
35. Examine the details of transportation of Hazardous wastes, and its safety in handling.
36. Examine and submit the details of on line pollutant monitoring.
37. Examine the details of monitoring of Dioxin and Furon.
38. MoU for disposal of ash through the TSDF.
39. MoU for disposal of scrubbing waste water through CETP.

40. Examine and submit details of monitoring of water quality around the landfill site.
41. Examine and submit details of the odour control measures.
42. Examine and submit details of impact on water body and mitigative measures during rainy season.
43. Environmental Management Plan should be accompanied with Environmental Monitoring Plan and environmental cost and benefit assessment. Regular monitoring shall be carried out for odour control.
44. Water quality around the landfill site shall be monitored regularly to examine the impact on the ground water.
45. The storage and handling of hazardous wastes shall be as per the Hazardous Waste Management Rules.
46. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
47. Public hearing to be conducted for the project in accordance with provisions of Environmental Impact Assessment Notification, 2006 and the issues raised by the public should be addressed in the Environmental Management Plan. The Public Hearing should be conducted based on the ToR letter issued by the SEIAA.
48. A detailed draft EIA/EMP report should be prepared in accordance with the above additional TOR and should be submitted to the Ministry in accordance with the Notification.
49. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
50. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.

The final EIA report after incorporation of public hearing observations/comments should be submitted to the committee for further consideration of the matter.

**11. Durga Industrial Park at Khasra No.-1/2m,2 to 24,25/m,26 m, 27m,28,29, 30/m, 31/m, 37m, 38m, 39m, 40m, 41 m, Jhandapur, Ghaziabad and Khasra No.-4974/1m, Pasonda Ghaziabad & Khasra No.- 448/m, 450/m, 451, 452/1, 453/1, 454,455/2m,455/3m,457, 458m, 460m, 463m, 465/1m, 466m, 467m, & 468/2m, Jagola, Ghaziabad., Shri Narayan Gupta, M/s Durga Enterprises Pvt. Ltd., File No. 6281/Proposal No. SIA/UP/MIS/612162/2021**

The committee noted that the matter was earlier discussed in 485<sup>th</sup> SEIAA meeting dated 27/08/2021 and directed is as follows:

“SEIAA noted that the above project was taken in its meeting dated 12.08.2021 in which it was found that it is revision and expansion case and hence opined that the project proponent should be asked for online presentation. The project proponent made online presentation and submitted that Environmental Clearance is sought for the development of project site containing industrial plots along with the proposed services but the project proponent could not produce the nature and number of industries which will be allowed in the above area. SEIAA noted that when the nature and number of industries is not confirmed then on what basis was quantity for water requirement, waste water generation, total power required, solid waste generation was calculated. During presentation consultant informed that population of around 50 thousand resides in nearby areas and the project is applied under 8(b) category which does not seem appropriate since it will house industries. Hence SEIAA opined to refer back the project to SEAC-2 for review/comments.”

As per the direction of SEIAA, the matter was listed in 631<sup>st</sup> SEAC meeting dated 01/03/2022. The committee went through the observation made by SEIAA and opined that the TOR point no. 01 to 04 is need to be replied by the project proponent and site visit of the proposed site is also required for the factual status of the project. The SEIAA may constitute a Joint committee of concerned departments as GDA, CPCB, UPPCB and a representative of SEIAA for the inspection of the project site to get factual inspection reports from the Environmental point of view.



**12. Morrum mining from Son Riverbed at Araj No.- 824 Kha (Khand No. 01) of Villages Ahori Khas, Tehsil-Obra, Sonbhadra, Shri Chander Shekhar Chaurasia, Area – 16.194 ha., File No. 6305/Proposal No. SIA/UP/MIN/63476/2021**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s GreenIndia Consulting 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 Morrum mining from Son Riverbed at Araj No.- 824 Kha (Khand No. 01) of Villages Ahori Khas, Tehsil-Obra, Sonbhadra, U.P., (Leased Area – 16.194 ha.).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no 275/Parya/SEIAA/6305/2021, dated: 27/10/2021.
3. The public hearing was organized on 06/01/2022 at Primary School, Agori Khas, Tehsil-Obra, Sonbhadra, Uttar Pradesh. Final EIA report submitted by the project proponent on 09/02/2022.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/63476/2021		
2. File No. allotted by SEIAA, UP	6305		
3. Name of Applicant	Owner: Shri Chander Shekhar Chaurasia		
4. Full correspondence address of proponent and mobile no.	9A, Paramount Villa Ansals, Near Regional College Shyamla Hill, Bhopal, M.P.		
5. Name of Project	Morrums Mining along Sone River bed at Araj No.- 824Kha (Khand No. 01), Village- Agori Khas, Tehsil-Obra, District- Sonbhadra, U.P.		
6. Project location (Plot/Khasra/Gata No.)	Village – Agori Khas, Araj No. 824Kha (Khand No. 01), Tehsil- Obra, District- Sonbhadra, State- Uttar Pradesh.		
7. Name of River	Sone River		
8. Name of Village	Agori Khas		
9. Tehsil	Obra		
10. District	Sonbhadra		
11. Name of Minor Mineral	Morrums		
12. Sanctioned Lease Area (in Ha.)	16.194 Ha.		
13. Mineable Area (in Ha.)	10.9551 Ha.		
14. Zero level mRL	168 mRL		
15. Max. & Min mRL within lease area	175-172 mRL.		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	Total Lease Area Coordinate (16.194 ha)		
	A	24°33'47.01"N	82°57'16.43"E
	B	24°33'48.60"N	82°57'25.22"E
	C	24°33'32.73"N	82°57'31.50"E
	D	24°33'29.53"N	82°57'20.42"E
	E	24°33'31.23"N	82°57'19.13"E
17. Total Geological Reserves	6,47,760 m <sup>3</sup>		
18. Total Mineable Reserves	2,70,892 m <sup>3</sup>		
19. Proposed Production/year (as per LoI)	2,59,104 m <sup>3</sup>		
20. Total Production (5 Years)	12,95,520 m <sup>3</sup>		
21. Sanctioned Period of Mine lease	5 Years		
22. Production of mine/day	1036.42 m <sup>3</sup> /Day		
23. Method of Mining	Opencast Semi-mechanized mining		
24. No. of working days	250 days/ Year		
25. Working hours/day	12 Hours		
26. No. Of workers	76		
27. No. Of vehicles movement/day	86		

28. Type of Land	Govt. Land	
29. Ultimate Depth of Mining	3.00 m	
30. Depth of Mining as per approved Mine Plan	2.50 m	
31. Nearest metaled road from site	530 m	
32. Water Requirement	Purposes	Requirement (KLD)
	Drinking	0.76
	Suppression of dust	3.18
	Plantation	5.76
	Others (if any)	0.00
	Total	9.70
33. Name of QCI Accredited Consultant with QCI No and period of validity.	GreenIndia Consulting Pvt Ltd. NABET/EIA/1619/RA0058 valid till 27/10/2022	
34. Any litigation pending against the project or land in any court	No	
35. Details of 500 m Cluster Map & certificate verified by Mining Officer	1358/ Khanij /2021 dated 11 <sup>th</sup> May, 2021	
36. Length and breadth of Haul Road	Length 530 m, Width 6.0 m	
37. 31. Proposed CER Cost	Rs. 2,96,457/-	
38. 32. Proposed EMP Cost	Rs. 8,40,895/-	
39. No. of Trees to be planted	7203 Trees	

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

**RESOLUTION AGAINST AGENDA NO. 12**

**The committee discussed the matter and recommended the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-2 to the 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 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.
5. 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.
6. 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.

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

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

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

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

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

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

**Nodal, SEAC-2**

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

Annexure-1

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

**A. General Conditions:**

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under the law.
3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization, and scope of working shall again require prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, the quantum of mineral and waste shall be made.
5. Mining will be carried out as per the approved mining plan. In case of any violation of the mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, 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 31st December 1993 or as amended from time to time. Oil and grease traps shall be installed before the discharge of workshop effluents.
12. Personnel working in areas shall be provided with protective respiratory devices like masks and they shall also be imparted adequate training and information on safety and health aspects.
13. Special measures shall be adopted to prevent the nearby settlements from the impacts of mining activities.
14. The transportation of the materials shall be limited to the day hours' time only.
15. Provision shall be made for housing the laborers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
16. A separate Environmental Management Cell with suitably qualified personnel shall be setup under the control of a Senior Executive, who will report directly to the Head of the Organization.
17. The Project Proponent shall inform the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board regarding the date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.

18. The funds earmarked for environmental protection measures shall be kept in a separate account and shall not be diverted for other purposes. The year-wise expenditure shall be reported to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board
19. The Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board shall monitor compliance with the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan, Public hearing, and other documents information should be given to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board
20. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat, and Municipal Bodies as applicable in the matter.
21. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Level Environment Impact Assessment Authority (SEIAA).
22. The Project Proponent has to submit a regular half-yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the SEIAA, U.P. on 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 05ha, but factually the distance is less than 500 mt, and the mine is located in the cluster of area equal to or more than 05ha, the E.C issued will stand revoked.
4. This environmental clearance shall be subject to a valid lease in favor of the project proponent for the proposed mining proposals. In case, the project proponent does not have a valid lease, this environmental clearance shall automatically become null and void.
5. The Environmental clearance will be co-terminus with the mining lease period/Mining Plan. The Mining plan approved by the Dept. of Mines and Geology shall be strictly implemented and shall not be operated beyond the validity period.
6. Explosive cannot be stored on the site. The Project proponent shall take approval from Chief Controller of Explosive, if applicable for use or storage of explosive or any such materials.
7. A comprehensive EIA including mining areas within 15 K.M. to assess the impact of the mining activity on the surrounding area shall be undertaken and a report submitted to this Authority within one year.
8. No two pits shall be simultaneously worked i.e. before the first is exhausted and reclamation work completed, no mineral bearing area shall be worked.
9. After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation work in the exhausted pit shall be completed to ensure that reclamation, forest cover, and vegetation are visible during the first year of mining operations in the next pit. This process will follow till the last pit is exhausted. Adequate rehabilitation of mined pit shall be completed before any new ore-bearing area is worked for expansion.
10. An adequate buffer zone shall be maintained between two consecutive mineral-bearing deposits.
11. The sprinkling of water on haul roads to control dust will be ensured by the project proponent.

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

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

Motor Vehicle Rules, 1989 and its amendments. The vehicles transporting minerals shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the period of transportation. No overloading of minerals for transportation shall be committed. The trucks transporting minerals shall not pass through the wildlife sanctuary if any in the study area.

38. Prior permission from the Competent Authority shall be obtained for the extraction of groundwater if any.
39. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
40. Project Proponent shall explore the possibility of using solar energy where ever possible.
41. Commitment towards CER has to be followed strictly.
42. Regular health checkup record of the mineworkers has to be maintained at the site in a proper register. It should be made available for inspection whenever asked.
43. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB, and other Govt. Agencies from time to time.
44. The blasting will be done only after getting permission from the Mining Department.



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

**General Conditions:**

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

21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.

39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Integrated Regional Office, MoEF&CC, GoI, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

**Specific Conditions:**

1. The Environmental clearance will be co-terminus with the mining lease period.
2. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
3. Environment management in according to environmental status and impact of the project.
4. During the school opening and closing time transportation of minerals will be restricted.
5. Selection of plants for green belt should be on the basis of pollution removal index. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
7. Pakkamotorable haul road to be maintained by the project proponent.
8. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
9. Permission from the competent authority regarding evacuation route should be taken.
10. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
11. Provision for cylinder to workers should be made for cooking.
12. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.

13. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road. Width of the haul road shall be more than 6 meter.
14. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
15. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
16. Provision for two toilets and hand pumps should be made at mining site.
17. Drinking water for workers would be provided by tankers.
18. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
19. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
20. Corporate Environmental Responsibility (CER) plan shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018.
21. Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
22. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
23. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
24. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
25. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
26. If in future this lease area becomes part of cluster of equal to or more than 05 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
27. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
29. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 05 ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 05 ha, the E.C issued will stand revoked.
30. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
31. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
32. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.

33. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
34. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
35. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
36. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
37. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
38. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
39. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
40. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
41. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
42. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
43. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
44. Solid waste material viz., gutkha pouches, plastic bags, glasses etc. to be generated during project activity will be separately stored in bins and managed as per Solid Waste Management rules.
45. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
46. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Integrated Regional Office, MoEF&CC, GoI, Lucknow, SEIAA, U.P. and UPPCB.
47. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, CPCB, State PCB.
48. The MoEF&CC/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

49. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
50. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
51. Waste water from potable use be collected and reused for sprinkling.
52. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.