

### **Minutes of 551<sup>st</sup> SEAC-1 Meeting Dated 22/07/2021**

The 551<sup>st</sup> meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 11:00 AM on 22/07/2021. Following members participated in the meeting:

- |    |                             |                          |
|----|-----------------------------|--------------------------|
| 1. | Shri Rajive Kumar,          | Chairman, SEAC-1         |
| 2. | Dr. Ajai Mishra,            | Member, SEAC-1           |
| 3. | Shri Om Prakash Srivastava, | Member, SEAC-1           |
| 4. | Dr. Brij Bihari Awasthi,    | Member, SEAC-1           |
| 5. | Shri Umesh Chandra Sharma,  | Member, SEAC-1           |
| 6. | Dr. Ratan Kar,              | Member, SEAC-1           |
| 7. | Director, Environment       | Member Secretary, SEAC-1 |

The Chairman welcomed the members to the 551<sup>st</sup> SEAC-1 meeting which was conducted via dual-mode (virtually/physically). Nodal officer, SEAC-1 placed the agenda items with available documents. The SEAC-1 unanimously took the following decisions on the agenda points discussed:

1. **Group Housing at khasra No.-183 P, Village- Ardaunamau & Khasra No.- 18p, 19, 20, 21, 22P, 23, 24P, 25P, 44P, 45P, 49P AND 46 in Village-Ahimanmau, PaarthAadyant Complex, Gomti Nagar Extension, Lucknow, U.P., M/s PaarthInfrabuild Pvt. Ltd. File No. 1498/Proposal No. SIA/UP/MIS/ 207473/2021**

#### **RESOLUTION AGAINST AGENDA NO-01**

The project proponent vide letter dated 21-07-2021 has requested to defer the matter to the next meeting. The committee decided to defer the matter, for any other available date at the earliest.

2. **Group Housing at Plot No.- SC-02/E, Sector- 150, Noida, District- Gautam Buddha Nagar, U.P., M/s Samridhi Buildmart Pvt. Ltd. File No. 6221 Proposal No. SIA/UP/MIS/ 207473/2021**

#### **RESOLUTION AGAINST AGENDA NO-02**

A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. The committee discussed the matter and directed the project proponent to submit the following information:

1. Certified Compliance Report for December 2020 or June 2021.

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

**3. Stone (Khanda, Boulder, Gitti & Ballast Mining at Gata No.-291, (Khand No.-02New), Village- Majhol, Tehsil- CharKhari, Mahoba., Shri Rakesh Kumar Goswami., Area- 0.809 ha. File No.6284 Proposal No. SIA/UP/MIN/ 205741/2021**

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, Ballast (Gitti)) Mining at Gata No.- 291 (Khand No.- 02 New), Village- Majhol, Tehsil- Charkhari, District- Mahoba, U.P. Shri Rakesh Kumar Goswami S/o Shri Kishor Goswami (Applied Area- 0.809 ha.)

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

1.	Name of Proponent	Shri Rakesh Kumar Goswami S/o Shri Kishor Goswami		
2.	Full correspondence address of the project proponent	R/o- Mohalla- Khadiyan, Tehsil- Charkhari, District- Mahoba, U.P.		
3.	Name of Project	Building Stone (Khanda, Boulder, Ballast (Gitti)) Mining Project		
4.	Project location (Plot/ Khasra /Gata No.)	Gata no.- 291 (Khand No.- 02 New)		
5.	Name of Village	Majhol		
6.	Tehsil	Charkhari		
7.	District	Mahoba		
8.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Ballast (Gitti))		
9.	Sanctioned Lease Area (in Ha.)	0.809ha.		
10.	Max.& Min mRL within lease area	188 mRL- 182 mRL		
11.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25 <sup>o</sup> 23' 38.687"	79 <sup>o</sup> 46' 53.054"
		B	25 <sup>o</sup> 23' 37.813"	79 <sup>o</sup> 46' 53.648"
		C	25 <sup>o</sup> 23' 36.607"	79 <sup>o</sup> 46' 53.111"
		D	25 <sup>o</sup> 23' 35.398"	79 <sup>o</sup> 46' 51.758"
		E	25 <sup>o</sup> 23' 36.067"	79 <sup>o</sup> 46' 48.597"
		F	25 <sup>o</sup> 23' 37.309"	79 <sup>o</sup> 46' 48.115"
12.	Total Geological Reserves	549224 m <sup>3</sup>		
13.	Total Mineable Reserves	200014 m <sup>3</sup>		
14.	Total Proposed Production (in five years)	200000 m <sup>3</sup>		
15.	Proposed Production / year	Year	Production	
		1 <sup>st</sup>	400000 m <sup>3</sup>	
		2 <sup>nd</sup>	400000 m <sup>3</sup>	
		3 <sup>rd</sup>	400000 m <sup>3</sup>	
		4 <sup>th</sup>	400000 m <sup>3</sup>	
		5 <sup>th</sup>	400000 m <sup>3</sup>	
		Total	200000 m <sup>3</sup>	
16.	Sanctioned Period of Mine lease	10 Years		
17.	Production of mine/day	133 m <sup>3</sup> (approx.)		
18.	Method of Mining	Opencast Semi-Mechanized		
19.	No. of working days	300 days		
20.	Working hours/day	8 Hours/Day		

**Minutes of 551<sup>th</sup> SEAC-1 Meeting Dated 22/07/2021**

21.	No. of worker	37 (approx.)	
22.	No. of vehicle movement /day	11 (approx.)	
23.	Type of Land	Govt. revenue land	
24.	Ultimate Depth of Mining	22 meters (average)	
25.	The nearest Metalled road from the site	0.1 km	
26.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking & Others	0.40
		Suppression of dust	1.20
		Plantation	0.20
		Others (if any)	-----
		Total	1.80
27.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/1821/RA0120, Validity-19/07/2021	
28.	Any litigation pending against the project or land in any court	No	
29.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Mahoba vide Letter No. 8126/MMC-30/2020-21 Dated 11 February 2021	
30.	Details of Lease Area in approved DSR	Page No.-80, Sr. No.- 80 Correction Letter No.-8443/MMC-30-Khanij (2020-21) Dated 08-03-2021	
31.	Proposed CER cost	1.35 Lakh	
32.	Proposed EMP cost	9.43 Lakh	
33.	Length and breadth of Haul Road.	Length- 0.1 k m, Width- more than 6.0 m	
34.	No. of Trees to be Planted	80	

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

**RESOLUTION AGAINST AGENDA NO-03**

**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:**

- 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.
- Plantation of trees should be of local indigenous species and may be as per the consultation of the local district Forest Officer.
- 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
- In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and

the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.

5. The mining plan approved by the Dept. of Mines and Geology, Uttar Pradesh shall be strictly implemented and shall not be operated beyond the validity period.
6. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
7. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
8. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
9. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
10. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
11. The project proponent should explore the possibilities of rainwater harvesting.

**4. Group Housing at Plot No.- A-99, Sector- 51, Noida, District Gautam Budha Nagar, U.P., Shri S.K. Sharma, M/s Uflex Ltd. File No. 6285 Proposal No. SIA/UP/MIS/208731/2021**

A presentation was made by the project proponent along with their consultant M/s Grass Roots Research and Creation India (P) 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 Group Housing Project located at Plot No. A-99, Sector-51, Noida, Uttar Pradesh. M/s Uflex Ltd.
2. The plot area is 20,019.23 m<sup>2</sup> (4.94 acres) whereas the built-up area will be 20,115.05m<sup>2</sup>.
3. Salient features of the project as submitted by the project proponent:

**A. Area details of the project:**

S. No.	Particulars	Area (m <sup>2</sup> )
1.	Total Plot Area	20,019.23
2.	Permissible Ground Coverage (@35% of plot area)	7006.73
3.	Proposed Ground Coverage (@ 11.78%)	2,358.85
4.	Permissible FAR @150% of the plot area	30,030
5.	Proposed FAR	14,689.85
6.	Total Non-FAR Area	5425.2
7.	Total Built Up Area (5 + 6)	20,115.05
8.	Open Area	17,661.15
9.	Permissible Green Area (@50% of open area)	8,830.57
10.	Proposed Green Area (@50.03 % of open area)	8,831.13
11.	Maximum Height of the Building (meter)	59.7m

**B. Salient features of the project:**

DESCRIPTION	DETAILS
Plot Area	20,019.23 m <sup>2</sup> (4.94 acres)
Built-Up Area	20,115.05 m <sup>2</sup>
Population	321 persons
Total Water requirement	51 KLD
Domestic Water requirement	25 KLD
Fresh Water Requirement	19 KLD
Solid Waste	149 kg/day
Electrical load	228 kVA; Source: State Electricity Board
DG set	1 DG set of total capacity 160 kVA
RWH structures	5 Pits
Parking Required	147 ECS ( <i>As per MOEFCC</i> ) 184 ECS ( <i>As per State Bye-Laws</i> )
Parking Proposed	184 ECS
Project Cost	INR 85.55 Crores

**C. Population breakup details:**

S. No.	Description	DUs/FAR (sqm)	PPU	Total Population
1.	Residential			
	• Main Units	62	4.5	279
Total Residential Units				279
2.	Maintenance Staff	5% of the Main unit		14
3.	Visitors	10 % of total residential population		28
Grand Total Population				321

**D. Water Requirement details:**

S. No.	Description	Occupancy	Rate of water demand (lpcd)		Total Water Requirement		
A.	Domestic Water						
	Residents:		Fresh	Flushing	Fresh	Flushing	Total
	•Main Units	279	@ 65 lpcd	@ 21 lpcd	18.13	5.85	23.98
	•Staff (Maintenance)	14	@25 lpcd	@20 lpcd	0.35	0.28	0.63
	•Visitors	28	@ 5 lpcd	@10 lpcd	0.14	0.28	0.42
					18.62 KLD say 19 KLD	6.41 KLD say 6 KLD	25.03 KLD say 25 KLD
Total Domestic Water = 25 KLD							
B.	Horticulture	8,831.13m <sup>2</sup>	3 l/sqm		26 KLD		
Grand Total (A+B) = 51 KLD							

**E. Waste Water details:**

DOMESTIC WATER REQUIREMENT	25 KLD
• Fresh	19 KLD
• Flushing	6 KLD
Waste water generated [@80% fresh + 100% flushing]	15.2 +6 = 21.2 KLD say 21 KLD
STP Capacity	30 KL

**F. Solid waste generation details:**

S. No.	Description	Occupancy	Waste Generated (kg/capita/day)	Waste Generated (kg/day)
1.	Domestic Solid Waste			
	•Main Units	279	0.5	139.5
	•Staff (Maintenance)	14	0.25	3.5
	•Visitors	28	0.15	4.2
2.	Horticultural Waste (2.18 acre)		@ 0.2 kg/acre/day	0.436
3.	STP Sludge		Sludge generated x 0.35 x B.O.D difference/1000	1.39
Total Solid Waste Generation = 149.026 kg/day say 149 kg/day				

4. Total Parking Proposed = 184 ECS.

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

**RESOLUTION AGAINST AGENDA NO-04**

**The committee discussed the matter and recommended the grant of environmental clearance for the above project proposal along with general conditions as earlier prescribed by authority for the construction project; the committee also stipulated the following specific conditions:**

1. At the time of Construction/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. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs GOI and others) anti-smog guns shall be installed to reduce dust during excavation.
3. Solar energy is to be used alternatively on the road and in common places for illumination to save conventional energy as per ECBC Code.
4. The project proponent shall submit within the next 3 months the data of groundwater quality including fluoride parameters to the limit of minimum deduction level for all six monitoring stations.
5. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of the local district Forest Officer.
6. The wastewater generated should be treated properly in a scientific manner i.e., domestic wastewater to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluents shall be treated separately.

7. Permission from the local authority should be taken regarding the discharge of excess water into the sewer line.
8. The height, Construction built-up area of the proposed construction shall be as per the existing FAR norms of the competent authority & it should ensure the same along with the survey number before approving the layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
9. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
10. The project proponent shall ensure completion of STP, MSW disposal facility, green area development before the occupation of the buildings.
11. Municipal solid waste shall be disposed of/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
12. The project proponent shall obtain forest clearance under the provisions of the Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purposes involved in the project.
13. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
14. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and be approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (In case of the presence of schedule-I species in the study area).
15. The project proponent shall obtain Consent to Establish / Operate under the provisions of the Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
16. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of groundwater / from the competent authority concerned in case of drawl of surface water required for the project.
17. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
18. The self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out.
19. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as a cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche, and First Aid Room, etc.
20. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
21. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of off to the approved sites for landfilling after recovering recyclable material.
22. 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 the resolution of the board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
23. No parking shall be allowed outside the project boundary.
24. Digging of basement shall be undertaken on account of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be

- generated within the sites (to the extent possible) so that the natural drainage system of the area is protected and improved.
25. Surface rainwater has to be collected in the kaccha pond for groundwater recharging and irrigation of horticulture and peripheral plantation.
  26. The approval of competent authority shall be obtained for the structural safety of the buildings due to any possible earthquake, adequacy of firefighting equipment, etc. as per the National Building Code including measures from lighting.
  27. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed of taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of the competent authority.
  28. The diesel generator sets to be used during the construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
  29. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during the construction phase. Adequate measures should be made to reduce ambient air and noise level during the construction phase, to conform to the stipulated standards by CPCB/UPPCB.
  30. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential areas and pollution is also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including the selection of plant species and in consultation with the local DFO/ Agriculture Dept.
  31. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air, and ventilation.
  32. Pavements shall be so constructed as to allow infiltration of surface run-off of rainwater. Construction of pavements around trees should be able to facilitate suitable watering, aeration, and nutrition to the tree.
  33. Roof topwater in the rainy season is to be discharged into RWH pits for groundwater recharging. The arrangement shall be made that wastewater and stormwater do not get mixed.
  34. All the internal drains are to be covered till the disposal point.
  35. This environmental clearance is issued subject to land use verification. Local authority/planning authority should ensure this concerning Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
  36. Reflecting paint should be used on the rooftop and sidewalls of the building tower for cooling effect.

**5. Sand Mining at Gata No.- 388, Village- Bhoovra Ehatmali, Tehsil- Swar, Rampur, U.P., Shri Satpal Singh, Area: 2.3400 ha File No. . 6290/ 5917 Proposal No. SIA/UP/MIN/ 62729/2020**

A presentation was made by the project proponent along with their consultant M/s Paramarsh (Servicing Environment and Development). Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Ordinary Sand Mining at Gata No.- 388, Village- Bhoovra Ehatmali, Tehsil- Swar, District- Rampur, U.P. Shri Satpal Singh & Shri Sarvjeet Singh S/o Late Shri Mohan Singh, (Applied Area- 2.3400 ha.)
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 716/Parya/SEAC/5917/2019, dated: 15/01/2021. The public hearing was organized on 25/03/2021.

**Minutes of 551<sup>th</sup> SEAC-1 Meeting Dated 22/07/2021**

Online Final EIA report submitted on 18/04/2021.

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

1.	Name of Proponent	Shri Satpal Singh & Shri Sarvjeet Singh S/o Late Shri Mohan Singh		
2.	Full correspondence address of proponent and mobile no.	R/o- Village- Bhoovra Ehatmali, Tehsil- Swar, District- Rampur, U.P.		
3.	Name of Project	Ordinary Sand Mining Project		
4.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 388		
5.	Name of River	Kosi		
6.	Name of Village	Bhoovra Ehatmali		
7.	Tehsil	Swar		
8.	District	Rampur		
9.	Name of Minor Mineral	Ordinary Sand		
10.	Sanctioned Lease Area (in Ha.)	2.34 ha.		
11.	Max. & Min. mRL within the lease area	217.0 mRL - 213.0 mRL		
12.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		Total Lease Area		
		A	29° 05.523'N	79° 01.265'E
		B	29° 05.560'N	79° 01.294'E
		C	29° 05.640'N	79° 01.159'E
		D	29° 05.620'N	79° 01.144'E
		E	29° 05.630'N	79° 01.127'E
		F	29° 05.605'N	79° 01.122'E
13.	Total Geological Reserves	63180 m <sup>3</sup>		
14.	Total Mineable Reserves	36906 m <sup>3</sup>		
15.	Total Proposed Production (in 6 months)	36000 m <sup>3</sup>		
16.	Proposed Production	36000 m <sup>3</sup> (in 6 month)		
17.	Sanctioned Period of Mine lease	6 months		
18.	Production of mine/day	231 m <sup>3</sup> (average)		
19.	Method of Mining	Opencast Semi-Mechanized		
20.	No. of working days	156 days		
21.	Working hours/day	8 Hours/Day		
22.	No. Of workers	32 (average)		
23.	No. Of vehicle movement /day	20 (average)		
24.	Type of Land	Personal Land		
25.	Ultimate Depth of Mining	1.80 meter (average)		
26.	The nearest metalled road from the site	0.50 km		
27.	Water Requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking & Others		0.35
		Suppression of dust		3.00
		Plantation		0.40
		Others( if any)		-----
		Total		3.75
28.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development)., Lucknow, U.P. QCI/NABET/EIA/1821/RA0120 Validity- 19.07.2021		
29.	Any litigation pending against the project or land in any court	No		

**Minutes of 551<sup>th</sup> SEAC-1 Meeting Dated 22/07/2021**

30.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Rampur vide Letter No. 05/Khanij-2020, Dated 08 <sup>th</sup> September 2020
31.	Details of Lease Area in approved DSR	Sr No.- 05
32.	Proposed CER cost	0.80 Lakh
33.	Proposed EMP cost	8.88 Lakh
34.	Length and breadth of Haul Road.	Length- 0.50 km, Width- more than 6.0 m
35.	No. of Trees to be Planted	390

4. 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.
5. 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.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

**RESOLUTION AGAINST AGENDA NO-05**

**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 & 3 to these minutes regarding the mining project. The committee also stipulated the following 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. Environment management should be according to the environmental status and impact of the project.
3. The selection of plants for the green belt should be based on the pollution removal index.
4. No mining activity should be carried out in-stream channel as per SSMMG, 2016 (as amended thereof).
5. Pakka motorable haul road to be maintained by the project proponent.
6. A separate Environmental Management Cell with suitably qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
7. Permission from the competent authority regarding the evacuation route should be taken.
8. The project proponent should ensure the survival of tree saplings. Mortality should be replaced from time to time.
9. Site Pit photographs should be submitted with date, time, and point-coordinate within 15 days.
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 the cylinder to workers should be made for cooking.
12. The capacity of trucks/tractors for loading purposes will be in tonnage as per Transport Department applicable norms and standard fixed by the Government.
13. Provide suitable masks to the workers.
14. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
15. Indigenous plants should be planted according to CPCB guidelines and in consultation with the local Divisional Forest Officer.

**Minutes of 551<sup>th</sup> SEAC-1 Meeting Dated 22/07/2021**

16. The project proponent shall in 2 years conduct a detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
17. Provision for two toilets and hand pumps should be made at the mining site.
18. Drinking water for workers would be provided by tankers.
19. 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 (as amended thereof).
20. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
21. The 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.
22. Health/Insurance cards, medical claims, 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.
23. Measure for the 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 activities in CER.
24. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. A suitable measure should be taken and details to be provided to concerned Department.
25. The width of the haul road shall be more than 6 meters.
26. 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.

**6. Sand Mining at Gata No.33, Village-Assampur, Tehsil-Amritpur, Farrukhabad, U.P., Shri Anantram Shakya, M/s Kamla Contractor & Supplier Assampur Amritpur, Area - 10.05 ha File No. 6291/ 5795 Proposal No. SIA/UP/MIN/ 62489/2020**

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 the Ordinary Sand Mining Project at Gata No.- 33, Village-Aasampur, Tehsil- Amritpur, District- Farrukhabad, U.P., (Applied Area- 10.05 ha.).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 498/Parya/SEAC/5795/2019, dated: 04/11/2020.
3. The public hearing was organized on 16/03/2021. Online Final EIA report submitted on 18/04/2021.
4. Salient features of the project as submitted by the project proponent:

1.	Name of Proponent	<b>M/s Kamla Contractor &amp; Supplier Aasampur Amritpur</b> Prop.- Shri Anantram Shakya S/o Shri Kalicharan
2.	Full correspondence address of proponent and mobile no.	R/o- Kuiyanboot Dhillawal, Post- Pachpukhara, Tehsil- Sadar, Distt. -Farrukhabad, U.P.
3.	Name of Project	Ordinary Sand Mining Project
4.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 33
5.	Name of River	Ganga
6.	Name of Village	Aasampur

**Minutes of 551<sup>th</sup> SEAC-1 Meeting Dated 22/07/2021**

7.	Tehsil	Amritpur		
8.	District	Farrukhabad		
9.	Name of Minor Mineral	Ordinary Sand		
10.	Sanctioned Lease Area (in Ha.)	10.05 ha.		
11.	Max.& Min. mRL within the lease area	142.0 mRL- 135.0 mRL		
12.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	27°30'57.70"N	79°33'38.50"E
		B	27°30'54.41"N	79°33'36.87"E
		B-1	27°30'48.73"N	79°33'46.33"E
		C	27°30'.42.0"N	79°33'51.10"E
		D	27°30'57.70"N	79°33'51.10"E
13.	Total Geological Reserves	170850 m <sup>3</sup>		
14.	Total Mineable Reserves	103965 m <sup>3</sup>		
15.	Total Proposed Production (in five years)	502500 m <sup>3</sup>		
16.	Proposed Production / year	Year	Production	
		1 <sup>st</sup>	100500 m <sup>3</sup>	
		2 <sup>nd</sup>	100500 m <sup>3</sup>	
		3 <sup>rd</sup>	100500 m <sup>3</sup>	
		4 <sup>th</sup>	100500 m <sup>3</sup>	
		5 <sup>th</sup>	100500 m <sup>3</sup>	
		Total	502500 m <sup>3</sup>	
17.	Sanctioned Period of Mine lease	5 Year		
18.	Production of mine/day	446 m <sup>3</sup> (approx.)		
19.	Method of Mining	Opencast Semi-Mechanized		
20.	No.of working days	225 days		
21.	Working hours/day	8 Hours/Day		
22.	No.Of workers	36 (average)		
23.	No.Of vehicle movement /day	37 (approx.)		
24.	Type of Land	River Bed Govt. Land		
25.	Ultimate Depth of Mining	1.20 meter (average)		
26.	The nearest metalled road from the site	1.50 km		
27.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking& Others	0.40	
		Suppression of dust	9.00	
		Plantation	0.35	
		Others( if any)	-----	
		Total	9.75	
28.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development)., Lucknow, U.P. QCI/NABET/EIA/1821/RA0120 Validity- 19.07.2021		
29.	Any litigation pending against the project or land in any court	No		
30.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Farrukhabadvide Letter No. 1652 Dated 14, August 2020		
31.	Details of Lease Area in approved DSR	Page No.-06, Sr. No.-04		
32.	Proposed CER cost	1.40 Lakh		
33.	Proposed EMP cost	17.44 Lakh		

**Minutes of 551<sup>th</sup> SEAC-1 Meeting Dated 22/07/2021**

34.	Length and breadth of Haul Road.	Length- 1.50 km, Width- more than 6.0 m
35.	No. of Trees to be Planted	335

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-06**

**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 & 3 to these minutes regarding the mining project. The committee also stipulated the following 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. Environment management should be according to the environmental status and impact of the project.
3. The selection of plants for the green belt should be based on the pollution removal index.
4. No mining activity should be carried out in-stream channel as per SSMMG, 2016(as amended thereof).
5. Pakka motorable haul road to be maintained by the project proponent.
6. A separate Environmental Management Cell with suitably qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
7. Permission from the competent authority regarding the evacuation route should be taken.
8. The project proponent should ensure the survival of tree saplings. Mortality should be replaced from time to time.
9. Site Pit photographs should be submitted with date, time, and point-coordinate within 15 days.
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 the cylinder to workers should be made for cooking.
12. The capacity of trucks/tractors for loading purposes will be in tonnage as per Transport Department applicable norms and standard fixed by the Government.
13. Provide suitable masks to the workers.
14. Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
15. Indigenous plants should be planted according to CPCB guidelines and in consultation with the local Divisional Forest Officer.
16. The project proponent shall in 2 years conduct a detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
17. Provision for two toilets and hand pumps should be made at the mining site.
18. Drinking water for workers would be provided by tankers.
19. 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 (as amended thereof).

**Minutes of 551<sup>th</sup> SEAC-1 Meeting Dated 22/07/2021**

20. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
21. The 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.
22. 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.
23. Measure for the 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 activities in CER.
24. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. A suitable measure should be taken and details to be provided to concerned Department.
25. The width of the haul road shall be more than 6 meters.
26. 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.

**7. Khanda Gitti Mining at Khand No.-09, Araj No.-93/1, Village-Lakhanapur, Lalitpur, Shri Santosh Kumar Singh, Area-1.396 Ha. File No. 4978 Proposal No. SIA/UP/MIN/40449/2019**

A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment & 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 Khanda/Gitti Mining Project Santosh Kumar Singh at Khand 09 Araj No. 93/1, Village- Lakhanpura, Tehsil & District- Lalitpur (U.P), Area: 1.396 Ha
2. The Terms of reference in the matter were issued by SEIAA U.P vide letter no: 436/Parya/SEAC/4978/2019.
3. The Public Hearing was organized on 11.11.2020. Final EIA report submitted on. 22.4.2021
4. Salient features of the project as submitted by the project proponent:

1.	Name of Proponent	Shri Santosh Kumar Singh
2.	Full correspondence address of proponent and mobile no.	R/o Village Lakhanpura, Tehsil & Distt-Lalitpur U.P.
3.	Name of Project	Khanda/Gitti Mining Project Santosh Kumar Singh at Khand 09 Araj No. 93/1, Village- Lakhanpura, Tehsil & District- Lalitpur (U.P), Area: 1.396 Ha
4.	Project Location (Plot. Khsra/Gata No.)	Khand 09 Araj No. 93/1
5.	Name of Village	Lakhanpura
6.	Tehsil	Lalitpur
7.	District	Lalitpur
8.	Name of Minor Mineral	Khanda/Gitti
9.	Sanctioned Lease Area (in Ha.)	1.396 Ha
10.	Max. & Min mRL within	355.00 mRL to 347.00 mRL

**Minutes of 551<sup>th</sup> SEAC-1 Meeting Dated 22/07/2021**

	lease area				
11.	Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude	
		A	24°51'12.09"N	78°27'14.02"E	
		B	24°51'13.45"N	78°27'17.81"E	
		C	24°51'7.39"N	78°27'17.88"E	
		D	24°51'6.90"N	78°27'16.49"E	
12.	Total Geological Reserves		6,85,170m <sup>3</sup> /Annum		
13.	Total Mineable Reserve in LOI		13,960 m <sup>3</sup> /Annum		
14.	Total Proposed Production in LOI		13,960 m <sup>3</sup> /Annum		
15.	Total Proposed Production in 20 Years		13960 * 20=279200m <sup>3</sup>		
16.	Sanctioned Period of Mine lease		20 Years		
17.	Production of mine/day		47 m <sup>3</sup> /Day		
18.	Method of Mining		Opencast Manual/ Semi Mechanized Mining		
19.	No. of working days		300 Days		
20.	Working hours/day		8 Hours		
21.	No. of worker		24 Workers		
22.	No. of vehicles movement/day		5 Trucks / Day (Depending on market demand)		
23.	Type of Land		Govt. Land		
24.	Ultimate of Depth of Mining		6.0 m		
25.	The nearest metalled road from the site		1.30Km		
26.	Water Requirement		PURPOSE	REQUIREMENT (KLD)	
			Drinking	0.24 KLD	
			Suppression of dust	7.8 KLD	
			Plantation	0.18 KLD	
			Total	<b>8.22 KLD (Approx. 9.00 KLD)</b>	
27.	Name of QCI Accredited Consultant with QCI No and period of validity.		Ind Tech House Consult QCI No.- 86 Period of Validity- 28-07-2021		
28.	Any litigation pending against the project or land in any court		No		
29.	Details of 500 m Cluster Map & Certificate verified by Mining Officer		Letter No-240/30-Mines /2019-20 Date-28.6.2019		
30.	Details of Lease Area in approved DSR		Shuddhi Patra vide Letter No'-345/30-Mines/2019-20 dated 11.9.2019 Sr. No'-7		
31.	Proposed CER cost		2% of total project cost i.e., Rs.1.06 Lakh		
32.	Proposed EMP cost		10.0 Lakhs		
33.	Length and breadth of Haul Road		650 mt Length & 6m width haulage road		
34.	No. of Trees to be Planted		46 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-1(a) of EIA Notification, 2006 (as amended).

9. Project proponent/ Consultant informed the committee that in the presentation they have wrongly mentioned that the bench width is greater than 6 mt, however, the bench width will not be less than 12mt, as per the letter of DGM, U.P.
10. The committee members enquired from the Project proponent/ Consultant that what will be the mined out material. Project proponent/ Consultant informed that they will be mining granite (stone). They also submitted that their entire EIA is for this type of mining.

**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. 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. Plantation of trees should be of local indigenous species and may be as per the consultation of the local district Forest Officer.
3. 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
4. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
5. The mining plan approved by the Dept. of Mines and Geology, Uttar Pradesh shall be strictly implemented and shall not be operated beyond the validity period.
6. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.
7. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
8. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
9. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
10. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
11. The project proponent should explore the possibilities of rainwater harvesting.

- 8. Sand/Morrum Mining from Yamuna River Bed at Gata No.- 4, 5, 16, 17, 18, 25, 48 & 56, Village- Ghazipur, Tehsil-Khaga, Fatehpur., Shri Sunil Kumar, M/s The Sunworld Travels., Area:15.0 ha. File No. 5733 Proposal No. SIA/UP/MIN/ 54711/2020**

**RESOLUTION AGAINST AGENDA NO-08**

A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and development. The committee discussed the matter and directed the project proponent to submit the following information:

1. In ToR's point no. 8, it is mentioned that "Baseline monitoring period October to December 2020 should be submitted". However, Project Proponent has submitted baseline data only for 1 month i.e., October 2020. The Project proponent/ Consultant is directed to submit baseline monitoring data of 3 months.
2. The Project proponent/ Consultant should submit a complete plan of water requirements.

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

- 9. Common Biomedical Waste Treatment Facility at Khasra No.- 49, at Village- Kapasi, Post- Imiliya, Tehsil- Orai, District- Jalaun, U.P., M/s Maa Sharda B.M.W. Management Pvt. Ltd., File No. 6297 Proposal No. SIA/UP/MIS/ 62681/2021**

**RESOLUTION AGAINST AGENDA NO-09**

The committee observed that a complaint letter dated 21/7/2021 made by the complainant; Shri Rajendra Singh, posted by Ramautar Singh College Of Education Gujeni Banda vide e-mail dated 21/7/2021 has been received by SEIAA and forwarded to SEAC in the above matter. The committee decided to send the aforesaid complaint letter to Project proponent/ Consultant and get their reply latest by tomorrow i.e. 23/07/2021, the case may be considered tomorrow only after receiving the pointwise reply from the Project Proponent/Consultant.

- 10. Common Integrated Hazardous & Electronic waste treatment, storage, and disposal facility at Khata No.- 446, Gata No.- 552 K, 555 K, 594 K, 555, 706 G, 694, 695, 696, Village- Kumbhi, Tehsil- Akbarpur, District- Kanpur Dehat, U.P., M/s Bharat Oil & Waste Management Ltd. File No. 6298 Proposal No. SIA/UP/MIS/ 63227/2021**

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A presentation was made by Project Proponent through video/teleconferencing because of the Corona Virus Disease (Covid-19) along with their consultant M/s Perfact Enviro Solutions Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, following facts have emerged: -

1. The Environment clearance is sought for "Common Hazardous Waste Treatment, Storage and Disposal Facility (CHWTSDF)" located at Khata 446, Gata 552K, 555K, 594K, 555, 706G, 694, 695, 696, Village Kumbhi, Tehsil Akbarpur, District Kanpur Dehat, Uttar Pradesh will be developed by M/s Bharat Oil & Waste Management Ltd.
2. As the existing Common Hazardous Waste Treatment, Storage and Disposal Facility (CHWTSDF)" is located in GATA No. 672, Village Kumbhi, Tehsil Akbarpur, District Kanpur Dehat, Uttar Pradesh and is being operated by Bharat Oil & Waste Management Ltd. is coming to its full capacity / getting exhausted by 2022. UPPCB has allotted the site to expand & cater the future needs.
3. The plot area for the proposed project is 91,000 m<sup>2</sup> (9.1 ha)
4. The proposal is for a total of 8 or 9 SLF cells at the project site with a total volume of SLF cells being 969 MT (9,69,000.00 m<sup>3</sup>) and the total waste handling capacity of the Landfill is 14,53,500 MT.

**Minutes of 551<sup>th</sup> SEAC-1 Meeting Dated 22/07/2021**

5. The land is given on lease by UPPCB to the M/s Bharat Oil & Waste Management Ltd vide Lease Agreement no. DH095396 for a minimum period of 29 years and 11 months which can be extended up to the next 20 years by mutual agreement.
6. The facility details of Landfill is 50,000 MTPA, pre-processing/ AFR is 50,000 MTPA; E-waste recycling capacity of 20,000 MTPA and drum reconditioning of 20,000 MTPA. Thus total waste which may be processed per year is 1,40,000 MTPA.
7. The project will comprise of several collections and intermittent storage centers across each UP district for the temporary storage of waste where the waste will come from nearby Industries and temporary storage for 1-15 days is envisaged for transport to Kanpur-Dehat plant via trucks, such as Noida, Gajraula, Sonebhadra, Jhansi, Bhadoi, Banaras, Agra, Mathura, Unnao & Ghaziabad, etc.
8. Since the project is involved in Common Hazardous Waste Treatment, Storage and Disposal Facilities (CHWTSDFs) which includes only landfills and no incinerator facility, the project falls under Activity 7(d) Category B as per Schedule of EIA Notification, 2006 and its subsequent amendments.
9. The baseline monitoring has already been done for the summer season (March 2019- May 2019).
10. The cost of the proposed Project is Rs. 25 Crores.
11. Salient features of the project as submitted by the project proponent:

**A. Details of Plant capacities are as follows:**

Particulars	Unit	Details
Landfill	MT/Yr	50,000
Pre-processing / AFR	MT/Yr	50,000
E-waste Recycling	MT/Yr	20,000
Drum Reconditioning	MT/Yr	20,000
<b>Total</b>	<b>MT/Yr</b>	<b>1,40,000</b>

**B. Core area break up details**

Particulars	Total area (m <sup>2</sup> )	% Area
Landfill Area	51000	56
Green Area	30000	33
Ground coverage	2000	2.2
Processing Area	3000	3.3
Raw Waste Handling & Storage Area	2000	2.2
Utility Area (Consider WTP, Storm Water Drain, ESS, etc.)	1000	1.1
Open & road area	2000	2.2
<b>Total Area</b>	<b>91000 m<sup>2</sup></b>	<b>100%</b>

**C. Details of Landfill cells are given below:-**

LandFill Details									
Particulars	Unit	Details							
Total no. of cells	-	8 or 9 SLF Cells Planned							
		SLF 1	SLF 2	SLF 3	SLF 4	SLF 5	SLF 6	SLF 7	SLF 8 & 9
Top Area	m <sup>2</sup>	5,000	5,000	5,000	5,000	5,000	5,000	14,700	6,300
Bottom Area	m <sup>2</sup>	5,000	5,000	5,000	5,000	5,000	5,000	14,700	6,300
Depth below	m	12	12	12	12	12	12	12	12

**Minutes of 551<sup>th</sup> SEAC-1 Meeting Dated 22/07/2021**

ground									
Height of SLF above Ground Level	m	10	10	10	10	10	10	10	10
Top volume	m <sup>3</sup>	35,000.00	35,000	35,000	35,000	35,000	35,000	102,900	44,100
Bottom volume	m <sup>3</sup>	60,000.00	60,000	60000	60000	60000	60000	176400	75600
<b>Total volume</b>	m <sup>3</sup>	95,000	95,000	95,000	95,000	95,000	95,000	279,300	119,700
DENSITY	kg/m <sup>3</sup>	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
waste in MT		142,500	142,500	142,500	142,500	142,500	142,500	418,950	179,550
<b>Total volume (Cell1+ cell2 + cell3-cell9)</b>	m <sup>3</sup>	<b>9,69,000</b>							
<b>Total Waste Capacity</b>	MT	<b>14,53,500</b>							

**D. Project detail:-**

S. No.	Particulars	Unit	Proposed
1	Plot Area	m <sup>2</sup>	91,000
2	Green Area	m <sup>2</sup>	30,000
3	Manpower requirement	No.	50
4	Power requirement	kVA	600
5	DG set	kVA	1 x 10 kVA, 1 x 40 kVA & 1 x 500 kVA
6	Water requirement	KLD	8
7	Waste water generation	KLD	2.3
8	ETP Capacity/ Single Effect Evaporator (5 KLD)	KLD	5
9	Municipal solid waste generation	kg/day	7.5

**E. Water Calculation details**

Water Usage	Water Requirement (KLD)
	Proposed (KLD)
Domestic	2
Cooling Tower make up	1.5
Scrubber make up	0.5
Gardening	2
Freshwater requirement	6
<b>Total water Requirement</b>	<b>8</b>
Particulars	WasteWater Generation(KLD)
	Proposed (KLD)
Domestic	1.5
Cooling Tower make up	0.3

**Minutes of 551<sup>th</sup> SEAC-1 Meeting Dated 22/07/2021**

Scrubber make up	0.5
Total Wastewater generation	2.3
ETP capacity/ MEE (Electrical)	5

12. The proposal falls under the Activity 7(d) Category B as per Schedule of EIA Notification, 2006 and its subsequent amendments

**RESOLUTION AGAINST AGENDA NO-10**

**The committee discussed the matter and recommended issuance of standard terms of reference (TOR) as proposed by the Project proponent/ Consultant for the preparation of the Environment Impact Assessment Report (EIA) regarding the project:**

1. 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 the selected site as compared to rejected sites. The analysis should include parameters considered along with weightage criteria for the short-listing selected site.
2. Submit the details of the road/rail connectivity along with the likely impacts and mitigative measures
3. Submit the present land use and permission required for any conversion such as forest, agriculture, etc.
4. Examine the details of transportation of Hazardous wastes and their safety in handling.
5. Examine and submit the details of online pollutant monitoring.
6. Examine the details of monitoring of Dioxin and Furon.
7. MoU for disposal of ash through the TSDF.
8. MoU for disposal of scrubbing wastewater through CETP.
9. Examine and submit details of monitoring of water quality around the landfill site.
10. Examine and submit details of the odour control measures.
11. Examine and submit details of the impact on the water body and mitigative measures during the rainy season.
12. 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.
13. Water quality around the landfill site shall be monitored regularly to examine the impact on the groundwater.
14. The storage and handling of hazardous wastes shall be as per the Hazardous Waste Management Rules.
15. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disasters.
16. Public hearing to be conducted for the project as per 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's letter issued by the Ministry and not based on Minutes of the Meeting available on the website.
17. A detailed draft EIA/EMP report should be prepared as per the above additional TOR's and should be submitted to the Ministry as per the Notification.
18. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the project should be given.
19. The cost of the Project (capital cost and recurring cost), as well as the cost towards implementation of EMP, should be specifically spelled out.
20. Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model ToR's available on Ministry website <http://moef.nic.in/Manual/Incinerator>

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

**B. Specific Conditions:**

1. At the time of operation, the project proponent will comply with all the guidelines issued by the Government of India/State Govt./District Administration related to Covid-19.
2. This environmental clearance does not create or verify any claim of the applicant on the proposed site/activity.
3. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and the area is less than 05ha, but factually the distance is less than 500 mt, and the mine is located in the cluster of area equal to or more than 05ha, the E.C issued will stand revoked.
4. This environmental clearance shall be subject to a valid lease in favor of the project proponent for the proposed mining proposals. In case, the project proponent does not have a valid lease, this environmental clearance shall automatically become null and void.
5. The Environmental clearance will be co-terminus with the mining lease period/Mining Plan.
6. Explosive cannot be stored on the site.

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 Regional Office, MoEF&CC, GoI, Lucknow every year.
13. Blast vibrations study shall be conducted and an observation report submitted to the 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.
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 expense. The roads shall be blacktopped.
17. Rainwater harvesting shall be undertaken to recharge the groundwater source.
18. Status of implementation shall be submitted to the 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 *nallas* 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 Regional Office, MoEF, 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 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., pre-monsoon (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

**Minutes of 551<sup>th</sup> SEAC-1 Meeting Dated 22/07/2021**

- regularly monitored and report submitted to the Regional Office, Ministry of Environment & Forests, 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 Regional Office, Ministry of Environment & Forests, 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 check-up 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 CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP 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 the law.
3. Any change in the 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 the site by the project proponent and officials of the Mining/Revenue department before starting mining operations. Such site plan, duly verified by the competent authority along with a copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of the site plan will also be submitted to SEIAA within 02 months.
5. Mining and loading shall be done only within day hours.
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 the mining operation. The 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 the 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 in public places.
10. No tree-felling will be done in the leased area, except only with the permission of the Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor minerals 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 the 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 dependent 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. A 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. The 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 groundwater regime. The report shall be submitted to the RO, PCB, and SEIAA within six months. In case the 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 leased 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 an economically weaker section of society. Income-generating projects/tools such as the development of fodder farms, fruit-bearing orchards, vocational training, etc. can form a part of such a programme. The project proponent shall provide a separate budget for community development activities and income-generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including the selection of plant species and in consultation with the local DFO/Horticulture Officer.

**Minutes of 551<sup>th</sup> SEAC-1 Meeting Dated 22/07/2021**

20. Separate stockpiles shall be maintained for excavated topsoil if any, and the topsoil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at the site.
22. The District Mining Officer should quarterly monitor compliance with 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.
23. 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.
24. A copy of the clearance letter shall be sent by the proponent to the concerned Panchayat, Zila Parishad/ Municipal Corporation, and Urban Local Body.
25. Transportation of materials shall be done by covering the trucks/tractors with tarpaulin or other suitable mechanisms to avoid fugitive emissions and spillage of minerals/dust.
26. Wastewater, from the temporary habitation campus, be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
27. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
28. 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 expense.
29. 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 geotextile matting or other suitable material.
30. Under corporate social responsibility, a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for the total lease period. Its budget is to be separately maintained. CER components shall be prepared based on the need of the local habitant. Income-generating measures which can help in the upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as the development of fodder farms, fruit-bearing orchards, free distribution of smokeless Chula, etc.
31. Possibility for adopting the 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.
32. The funds earmarked for environmental protection measures should be kept in a separate account and should not be diverted for other purposes. Year-wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P, and UPPCB.
33. Action plan in respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concerned Regional Officer of UPPCB and SEIAA within 02 months.
34. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
35. The proponent shall observe every 15 days for the 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 this 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.
36. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydrogeological regime of the surrounding area shall not be affected.

**Minutes of 551<sup>th</sup> SEAC-1 Meeting Dated 22/07/2021**

37. The project proponent shall obtain the necessary prior permission of the competent Authorities for withdrawal of the requisite quantity of water (surface water and groundwater), required for the project.
38. 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.
39. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
40. 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 the site).
41. 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. The 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.
42. A copy of the clearance letter shall be sent by the proponent to the 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.
43. 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 Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
44. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on the river bank or along the roadside (Avenue Plantation).
45. Debris from the river bed will be collected and stored at a secured place and may be utilized to strengthen the embankment.
46. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include a measure for treatment of bite of poisonous reptile/insect-like snake.
47. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

**Specific Conditions for Sand/Moram Mining:-**

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National Park/ Sanctuary prior permission of the statutory committee of National Board for wildlife under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of a cluster of equal to or more than 05 ha. then additional conditions based on the EIA shall be imposed. The leaseholder shall mandatorily follow cluster conditions otherwise it will amount to a violation of E.C. conditions. If the certificate related to the 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.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. 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.
5. To avoid the ponding effect and adverse environmental conditions for sand mining in the area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo-coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. 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 a cluster of areas equal or more than 05ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct a detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for the midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi-mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machines such as excavators, scoopers, etc. should not be employed for mining purposes. No drilling/blasting should be involved at any stage.
10. 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 the precise area to control and avoid erosion of the riverbank. The mining is confined to the extraction of sand/moram from the river bank only.
11. 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.
12. The project proponent shall adhere to mining in conformity to the 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 the 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.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. 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 this purpose, a schedule of health examinations of the workers should be drawn and followed accordingly.

15. The critical parameters such as PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, and NO<sub>x</sub> in the ambient air within the impact zone shall be monitored periodically. Further, the quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
16. 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.
17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
18. The extended mining scheme will be submitted by the proponent before the expiry of the present mining plan.
19. The self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out.
20. Four ambient air quality monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, and NO<sub>x</sub>. 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.
21. The common road for transportation of minerals is to be maintained collectively. The total cost will be shared/worked out based on lease area among users.
22. The proponent will provide adequate sanitary facilities in the form of mobile toilets to the labours engaged in the project work.
23. Solid waste material viz., gutkha pouches, plastic bags, glasses, etc. to be generated during project activity will be separate storage in bins and managed as per Solid Waste Management rules.
24. Green area/belt to be developed along haulage road in consultation with Gram Sabha/Panchayat.
25. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
26. Digital processing of the entire lease area in the district using remote sensing techniques should be done regularly once in three years for monitoring the change of river course by the Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P., and UPPCB.
27. A copy of the clearance letter will be marked to the concerned Panchayat / local NGO, if any, from whom suggestion/representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
28. State Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Industry Centre, and Collector's office/Tehsildar's Office for 30 days.
29. 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 the web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.

**Minutes of 551<sup>th</sup> SEAC-1 Meeting Dated 22/07/2021**

30. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environmental protection.
31. 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.
32. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
33. Wastewater from potable use should be collected and reused for sprinkling.
34. During the school opening and closing time, vehicle movement will be restricted.
35. A width of not less than 50 meters or 10% width of the river can be restricted for mining activities from the river bank. A condition can be imposed that mining will be done from river activities from the river bank.

**(Nodal SEAC-1)**

(Dr. Ajai Mishra)  
**Member**

(Shri Om Prakash Srivastava)  
**Member**

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

(Shri Umesh Chandra Sharma)  
**Member**

(Dr. Ratan Kar)  
**Member**

(Director Environment)  
**Member Secretary**

(Shri Rajive Kumar)  
**Chairman**