

### **Minutes of 539<sup>th</sup> SEAC Meeting Dated 13/04/2021**

The 539<sup>th</sup> meeting of SEAC was held through video conferencing in view of the Corona Virus Disease (Covid-19) on 13/04/2021. Following members were participate in the online meeting:

1.	Dr. S.N. Singh,	Chairman
2.	Dr. Sarita Sinha,	Member
3.	Dr. Virendra Misra,	Member
4.	Dr. Pramod Kumar Mishra,	Member
5.	Dr. Ranjeet Kumar Dalela,	Member
6.	Dr. Ajoy Kumar Mandal,	Member
7.	Shri Rajive Kumar,	Member
8.	Shri Meraj Uddin,	Member

The Chairman welcomed the members to the 539<sup>th</sup> SEAC meeting which was conducted online. The SEAC unanimously took following decisions on the agenda points discussed:

1. **Stone (Khanda, Gitti & Boulder) Mining at Gata No./Araji No./ Plot No.-693, Khanda No.-24, at Village-Goramachhiya, Jhansi,Shri Ramesh Kumar Agarwal,Area 0.979 ha. File No. 4893/Proposal No. SIA/UP/MIN/36981/2019**

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

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

2. **Stone, Khanda, Gitti & Boulder at Gata No.-587, Khand No.-04,Village- Nahari, Tehsil-Naraini, Mirzapur.,Shri Bhagwati Shivhare, M/s Ankur Enterprises, Area2.0 ha. File No. 6219/4790/Proposal No. SIA/UP/MIN/50673/2019**

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 following information:

1. Revised plan for no. of plantation as per guidelines.
2. Incremental value of air pollution load.

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

**3. Pahadi Red Morrum at Gata No.-178/1, Village-Todi, Tehsil-Rath, Hamirpur., Smt. Poonam Singh.,Area-0.80 ha. File No. 6209/Proposal No. SIA/UP/MIN/198843/2021**

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 following information:

1. The Environmental Clearance is sought for Red Morrum Mining Project Poonam Singh at Gata No-178/1 Village- Todi, Tehsil- Rath, District- Hamirpur, U.P. Area: 0.80 Ha
2. Salient features of the project as submitted by the project proponent:

1	On Line Proposal No.	SIA/UP/MIN/198843/2021		
2	File No. allotted by SEIAA, UP	6209		
3	Name of Proponent	Smt. Poonam Singh		
4	Full correspondence address of proponent and mobile no.	Sikandarpura, Tehsil- Rath, District-Hamirpur, U.P.		
5	Name of Project	Red Morrum Mining Project Poonam Singh at Gata No-178/1 Village- Todi, Tehsil- Rath, District- Hamirpur, U.P. Area: 0.80 Ha, Proprietor Smt. Poonam Singh		
6	Project Location(Plot.Khsra/Gata No.)	Gata No-178/1		
7	Name of Village	Todi		
8	Tehsil	Rath		
9	District	Hamirpur		
10	Name of Minor Mineral	Red Morrum		
11	Sanctioned Lease Area (in Ha.)	0.80 Ha		
12	Max. & Min mRL within lease area	221.0 mRL to 181.0 mRL		
13	Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
		A	25°29'54.10"N	79°28'50.00"E
		B	25°29'58.00"N	79°28'54.80"E
		C	25°29'59.10"N	79°28'53.60"E
		D	25°29'55.10"N	79°28'49.00"E
14	Total Geological Reserves	233096m <sup>3</sup> /Annum		
15	Total Mineable Reserve in LOI	8,000 m <sup>3</sup> /Annum		
16	Total Proposed Production in LOI	8000 m <sup>3</sup> /Annum		
17	Total Proposed Production in 5 Years	8000 *5=40,000 m <sup>3</sup>		
18	Sanctioned Period of Mine lease	5 Years		
19	Production of mine/day	27 m <sup>3</sup> /Day		
20	Method of Mining	Open cast Manual/ Semi Mechanized Mining		
21	No. of working days	300 Days		
22	Working hours/day	8 Hours		
23	No. of worker	25 Workers		
24	No. of vehicles movement/day	3Trucks / Day (Depending on market demand)		
25	Type of Land	Govt. Land		
26	Ultimate of Depth of Mining	18.0 m		
27	Nearest metalled road from site	1.20Km		
28	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking	0.25 KLD	
		Suppression of dust	9.00 KLD	

		Plantation	0.32 KLD
		Others (if any)	
		Total	9.57 KLD (Approx. 10.00 KLD)
29	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.- 86 Period of Validity- 30-04-2021	
30	Any litigation pending against the project or land in any court	No	
31	Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No-1951/Khanij-M.M.C-Tees-Vividh (2020-21) Date-24.12.2020	
32	Details of Lease Area in approved DSR	Page No'-64, Table No.'-21 Sr. No'-10	
33	Proposed CER cost	2% of total project cost i.e. Rs.1.30 Lakhs	
34	Proposed EMP cost	14.98 Lakhs	
35	Length and breadth of Haul Road	750 mt Length & 6m width haulage road	
36	No. of Trees to be Planted	80 Trees	

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

**RESOLUTION AGAINST AGENDA NO-03**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-2 & 3 to these minutes regarding mining project.**

1. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
2. Environment management in according to environmental status and impact of the project.
3. Selection of plants for green belt should be on the basis of pollution removal index.
4. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
5. Pakka motorable haul road to be maintained by the project proponent.
6. A separate Environmental Management Cell with suitable qualified personnel shall be setup under the control of a Senior Executive, who will report directly to the Head of the Organization.
7. Permission from the competent authority regarding evacuation route should be taken.
8. Project proponent should ensure 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 cylinder to workers should be made for cooking.
12. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
13. Provide suitable mask 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 local Divisional Forest Officer.
  16. The project proponent shall in 2 years conduct 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 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.
  20. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
  21. 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 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. Suitable measure should be taken and details to be provided to concern Department.
  25. 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.
4. **Stone Khanda,Boulder, Gitti & Bailast Mining at Gata No.115, Khand No.01, Village-Habupura, Tehsil -Garautha, Jhansi., M/s V.S. Construcion, Area-2.023 ha. File No. 6220/Proposal No. SIA/UP/MIN/61486/2021**

**RESOLUTION AGAINST AGENDA NO-04**

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

5. **Sand Stone Mining t at Araji No./ Gata No.-519, at Village- Ghasipur, Tehsil- Chunar, Mirzapur., Shri Manish Kumar, M/s Divyansh Enterprises, Area -2.02 ha. File No. 6222/Proposal No. SIA/UP/MIN/61498/2021**

**RESOLUTION AGAINST AGENDA NO-05**

A presentation was made by the project proponent along with their consultant M/s Globus Environment Engineering Services. The committee discussed the matter and observed that there is a geo-coordinates mismatch between lease map and LoI submitted by the project proponent. The committee directed the project proponent to submit corrected documents of the project.

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

**6. Stone, Khanda, Gitti, Boulders & Red Morrum Mining at Gata No.387, Khand No.-01, Vill.Tooka, Rath, Hamirpur., Shri Dolly Rajput.,Area-2.02 ha. File No. 6230/Proposal No. SIA/UP/MIN/61177/2021**

A presentation was made by the project proponent along with their consultant M/s Globus Environment Engineering Services. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Stone, Khanda, Gitti, Boulders Mining at Gata No.387, Khand No.-01, Village-Tooka, Teshil-Rath, District-Hamirpur, U.P. (Leased Area-2.02 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	Proposal No. : SIA/UP/MIN/61177/2021		
2. File no. allotted by SEIAA, UP	6230		
3. Name of Proponent	Smt. Dolly Rajput W/o ShriNaresh Kumar		
4. Full correspondence address of proponent and mobile no.	MuhalSikandarpura, Tehsil: Rath, District: Hamirpur (U.P)		
5. Name of Project	Khanda, Gitti, Boulder & Red Morrum (Building Stone) Mining Project"		
6. Project location (Plot/Khasra/Gate No.)	Gata No – 387 , Khand No.-01		
7. Name of Village	Tooka		
9. Tehsil	Rath		
10. District	Hamirpur(U.P)		
11. Name of Minor Mineral	Khanda, Gitti, Boulder & Red Morrum		
12. Sanctioned Lease Area (in Ha.)	2.02 Ha		
13. Altitude of the Area	The Highest Point at 176.0 mRL towards NW The Lowest Point at 161.0 mRL towards SE		
14. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
	A	25°36'5.91"N	79°29'59.99"E
	B	25°36'8.36"N	79°30'0.31"E
	C	25°36'7.95"N	79°30'1.29"E
	D	25°36'9.32"N	79°30'2.18"E
	E	25°36'6.84"N	79°30'5.27"E
	F	25°36'6.26"N	79°30'4.86"E
	G	25°36'5.55"N	79°30'5.56"E
	H	25°36'1.99"N	79°30'5.03"E
	I	25°36'1.89"N	79°30'4.77"E
15. Total Geological Reserves	6,05,295m <sup>3</sup>		
16. Total Mineable Reserves	2,59,188 m <sup>3</sup>		
17. Total Proposed Production (in five year)	1,01,000 m <sup>3</sup>		
18. Proposed Production/year	20,200 m <sup>3</sup> per annum		
19. Sanctioned Period of Mine lease	10 Years		
20. Production of mine/day	77.69 m <sup>3</sup> /day (217.53 T/day) Bulk Density)= 2.8		
21. Method of Mining	Open Cast, Semi-mechanized		
22. Drilling & Blasting	Yes (if Required)		
23. No. of Working days	260 Days		
24. Working hours/day	8 hours/day		
25. No. of Workers	30 Manpower		
26. No. of vehicles movement/day	22 Units (Assumed Loading Capacity: 10 Tonnes/Unit)		
27. Type of Land	State Government Land		
28 Ultimate Depth of Mining	18 m (176mRL – 158mRL)		

	(source: Approved Mining Plan)			
29. Nearest metalled road from site	Nearest Metalled Road is 420 m, SW from the project site			
30. Water Requirement	Source	Purpose	Detail	Avg. Demand/Day
	Portable Tanker	Drinking & others @ 15lpcd/worker	30 workers x 15 lpcd = 450 lit/day	0.450 KLD
		Plantation @ 5 Lit/plant	200 Trees x 5 lpcd = 1000 Lit/day	1.0 KLD
		Mine operation /others	-	1.0 KLD
		Dust suppression @ 1 Lit/Sq.m (Twice in a day)	Haul Road Area = (420 m Length x 7m Width = 2940 m <sup>2</sup> ) x 1 lit/sq.m = 2940 lit x 2 (twice in a day) = 5880 lit/day	5.88 KLD
		Total		8.33 KLD
31. Name of QCI Accredited Consultant with QCI No and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Extension Validity Till June 30/2021			
32. Any litigation pending against the project or hand in any court	No			
33. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section), Hamirpur. Letter No. 1952/Khanij-MMC-30-Vividh/2020-21, Date - 24/12/2020			
34. Details of Lease Area in approved DSR	Page No. 25, Table No. 10, Sr. No. 5			
35. Total Proposed Project Cost	Rs. 78.21 Lakhs			
36. Proposed CER cost	Rs.3.91 Lakhs (5% of the total Project Cost)			
37. Proposed EMP cost	Rs 21.93 Lakhs			
38. Length and Width of Haul Road	Haulage Road Length 420 m & Haulage Road Width 7 m			
39. No. of Trees to be Planted	200 Trees			

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

**RESOLUTION AGAINST AGENDA NO-06**

**The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1. The committee also stipulated following additional TOR points:**

1. Revised DSR approved by competent authority should be provided at the time of EIA presentation.
2. Production quantity should be provided in metric ton form.

**7. Stone, Khanda, Gitti ,Boulders & Red Morrum Mining at Gata No.387, Khand No.02, Vill.-Tooka, Rath,Hamirpur.,Shri SachinAgarwal.,Area-2.63 ha. File No. 6231/Proposal No. SIA/UP/MIN/61243/2021**

**RESOLUTION AGAINST AGENDA NO-07**

A presentation was made by the project proponent along with their consultant M/s Globus Environment Engineering Services. The committee discussed the matter and observed that there is a geo-coordinates mismatch between mining plan, lease map and form-1 submitted by the project proponent. The committee directed the project proponent to submit corrected documents of the project.

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

**8. Sand/Morrum Mining along Sone River bed at Gata No.-385, Khand No.-Dha, Vill.-Barhmori, Obra, Sonbhadra.,M/s Vardhman Investment and Company.,Area12.146 Ha. File No. 6234/Proposal No. SIA/UP/MIN/61304/2021**

A presentation was made by the project proponent along with their consultant M/s GreencIndia Consulting Pvt. Ltd. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Sand/Morrum Mining from Sone River bed at Gata No.-385, Khand No.-Dha, Village-Barhmori, Tehsil-Obra, District-Sonbhadra, U.P., (Leased Area : 12.146 Ha.), M/s Vardhman Investment and Company.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/61304/2021		
2. File No. allotted by SEIAA, UP	6234		
3. Name of Applicant	M/s Vardhman Investment and company Owner: Shri Rajiv Gupta, S/o Shri Sundarlal Ji Gupta,		
4. Full correspondence address of proponent and mobile no.	R/OShanti Enclave, Kalpi,Brajroad Morar,Gwalior MP.		
5. Name of Project	Morrum Mining along Sone River bed at Arazi No.-385, Khand No.- Dha, Village-Barhmori, Tehsil-Obra, District- Sonbhadra, U.P.		
6. Project location (Plot/Khasra/Gata No.)	Village – Barhmori, Araji No. 385 (Khand-Dha), Tehsil- Obra, District- Sonbhadra, State- Uttar Pradesh.		
7. Name of River	Sone River		
8. Name of Village	Barhmori		
9. Tehsil	Obra		
10. District	Sonbhadra		
11. Name of Minor Mineral	Morrum		
12. Sanctioned Lease Area (in Ha.)	12.146Hectares		
13. Mineable Area (in Ha.)	10.1169 Ha.		
14. Zero level mRL	154mRL		
15. Max. & MinmRL withinlease area	159-163mRL.		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	Total Lease Area Coordinate (12.146 ha)		
	A	24°28'17.46"N	83°12'44.27"E
	B	24°28'14.14"N	83°12'53.98"E
	C	24°28'01.44"N	83°12'53.67"E
	D	24°28'02.06"N	83°12'43.54"E
	Non-Workable Lease Area Coordinate(0.8633 ha)		
	E	24°28'16.84"N	83°12'46.48"E
	F	24°28'14.68"N	83°12'48.12"E
	G	24°28'13.34"N	83°12'51.48"E

	B	24°28'14.14"N	83°12'53.98"E
	Workable area Coordinate of lease area (11.2827 ha)		
	A	24°28'17.46"N	83°12'44.27"E
	E	24°28'16.84"N	83°12'46.48"E
	F	24°28'14.68"N	83°12'48.12"E
	G	24°28'13.34"N	83°12'51.48"E
	B	24°28'14.14"N	83°12'53.98"E
	C	24°28'01.44"N	83°12'53.67"E
	D	24°28'02.06"N	83°12'43.54"E
17. Total Geological Reserves	3,38,481m <sup>3</sup>		
18. Total Mineable Reserves	1,94,336 m <sup>3</sup>		
19. Proposed Production/year (as per LoI)	1,94,336 m <sup>3</sup>		
20. Total Production (5 Years)	9,71,680 m <sup>3</sup>		
21. Sanctioned Period of Mine lease	5 Years		
22. Production of mine/day	777.35m <sup>3</sup> /Day		
23. Method of Mining	Opencast Semi-mechanized mining		
24. No. of working days	250days/ Year		
25. Working hours/day	12 Hours		
26. No. Of workers	64		
27. No. Of vehicles movement/day	65		
28. Type of Land	Govt. Land		
29. Ultimate Depth of Mining	2.0 m		
30. Nearest metalled road from site	700m		
31. Water Requirement	Purposes		Requirement (KLD)
	Drinking		0.64
	Suppression of dust		2.96
	Plantation		5.31
	Others (if any)		0.00
	Total		8.91
32. Name of QCI Accredited Consultant with QCI No and period of validity.	GreencIndia Consulting Pvt Ltd. NABET/EIA/1619/RA0058 valid till 27/10/2022		
33. Any litigation pending against the project or land in any court	No		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	356/ Khanij /2021 dated 29 <sup>th</sup> January, 2021		
35. Length and breadth of Haul Road	Length 700 m, Width 6.0 m		
36. 31. Proposed CER Cost	2,55,329/-		
37. 32. Proposed EMP Cost	Rs. 9,03,440/-		
38. No. of Trees to be planted	332 Trees		

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

#### **RESOLUTION AGAINST AGENDA NO-08**

**The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1. The committee also stipulated following additional TOR points:**

- Revised DSR approved by competent authority should be provided at the time of EIA presentation.
- Revised plan for no. of plantation as per guidelines.



9. **Khanda, Gitti & Boulder Mining at Khasra No.-1144, 463, Khand No.-M/G/1, Village-Mamoli/Gadewara, Tehsil-Meja, Prayagraj., Area -4.86 ha. File No. 6236/Proposal No. SIA/UP/MIN/61695/2021**

**RESOLUTION AGAINST AGENDA NO-09**

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

10. **Stone, Khanda, Boulder, Gitti & Bailast Mining at Gata No. 323, Khand No.-07, Village-Mochipura, Tehsil-Sadar, District-Mahoba, UP. Shri Ajayraj Singh., Area 1.012 ha. File No. 6238/Proposal No. SIA/UP/MIN/61856/2021**

A presentation was made by the project proponent along with their consultant M/s Environmental Research and Analysis. The proponent, through the documents submitted and the presentation made informed the committee that:-

- The environmental clearance is sought for Stone, Khanda, Boulder, Gitti & Bailast Mining at Gata No. 323, Khand No.-07, Village- Mochipura, Tehsil-Sadar, District-Mahoba, U.P. (Leased Area 1.012 ha.).
- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/61856/2021		
2. File No. allotted by SEIAA, U.P	6238		
3. Name of Proponent	M/s Ajayraj Singh Pahadi Pattedharak Proponent:- Sh. Ajayraj Singh S/o Sh. Lt. Shivraj Singh,		
4. Full correspondence address of proponent and mobile no.	R/o-village Indra Nagar, Kabrai, Tehsil sadar, Distt- Mahoba (U.P.)		
5. Name of Project	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 323 (Khand No. – 7 New),		
7. Name of River	NA		
8. Name of Village	Mochipura		
9. Tehsil	Sadar		
10. District	Mahoba (U.P.)		
11. Name of Minor Mineral	Building Stone, Khanda, Boulder, Ballast (Gitti) Mining Project		
12. Sanctioned Lease Area (in Ha.)	1.012 Ha.		
13. Mineable Area (in Ha.)	1.0093 Ha. (Safety Margin 0.0027 Ha. )		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	Maximum & Minimum mRL 144 & 118 mRL respectively		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	25°23'23.29"N	80° 0'2.91"E
	B	25°23'23.61"N	80° 0'5.85"E
	C	25°23'19.77"N	80° 0'6.32"E
	D	25°23'20.08"N	80° 0'3.17"E
17. Total Geological Reserves	4,17,780 m <sup>3</sup>		
18. Sanction Quantity as per LOI	50,000 m <sup>3</sup> per year as per LOI		
19. Total Proposed Production (in five year)	2,50,000 m <sup>3</sup> in five year		
20. Proposed Production/year	50,000 m <sup>3</sup> per year		
21. Sanctioned Period of Mine lease	10 Years as per LOI		

22. Production of mine/day	16.7 m <sup>3</sup> /day	
23. Method of Mining	Open cast, semi-mechanized	
24. No. of working days	300	
25. Working hours/day	8 hours/day	
26. No. Of workers	32	
27. No. Of vehicles movement/day	14-15 Vehicles movement/day	
28. Type of Land	Building Stone(Khanda, Boulder, Bailast(Gitti) Mining Project	
29. Ultimate Depth of Mining	6.0 m	
30. Nearest metalled road from site	NH-76 is about 0.46 km towards East direction.	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking water	0.42 KLD
	Suppression of dust	6.48 KLD
	Plantation	0.21 KLD
	Others (if any)	-
	Total	7.11 KLD (Approx. 7.0 KLD)
32. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1619/IA 0019 Ext. letter No- QCI/NABET /ENV/ACO/21/1638 and valid up to 31 May, 2021	
33. Any litigation pending against the project or land in any court	No	
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 7397/ एम०एम०सी०-30 /2020-21 Date-16/12/2020	
35. Details of Lease Area in approved DSR	Pg No. – 80, SI No. - 50	
36. Proposed EMP cost	4,38,200/-	
37. Proposed Total Project cost	Rs. 80,00,000/-	
38. Length and breadth of Haul Road	270 m length and 6.0 m width	
39. No. of Trees to be Planted	210	

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

#### **RESOLUTION AGAINST AGENDA NO-10**

**The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1. The committee also stipulated following additional TOR points:**

1. Revised DSR approved by competent authority should be provided at the time of EIA presentation.
2. Revised cluster certificate as per composite map.

**11. Stone, Khanda, Boulder, Gitti & Bailast Mining at Gata No.688/4, Khand No. 22, Village-Goramacchiya, Sadar, Jhansi., Shri Deepak Kumar Agarwal, Area -4.046 ha. File No. 6243/Proposal No. SIA/UP/MIN/62092/2021**

**RESOLUTION AGAINST AGENDA NO-11**

A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. The committee discussed the matter and observed that there is a geo-coordinates mismatch between lease map and form-1 submitted by the project proponent. The committee directed the project proponent to submit corrected documents of the project.

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

**12. Soil Mining at Gata No.-70Mi, 85, 67, 32, 110, Village-Vangawan, Tehsil-Puwanya, Shahjahanpur., Shri Kuldeep Singh, Area -3.337 ha. File No. 6227/Proposal No. SIA/UP/MIN/201749/2021**

A presentation was made by the project proponent along with their consultant M/s Chandigarh Pollution Testing Laboratory-EIA Division. The committee discussed the matter and directed the project proponent to submit following information:

1. Revised plan for no. of plantation as per guidelines.
2. Revised EMP & water requirement details.

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

**13. Soil Mining at Khasra No./Gata No.- 461 & 609, Village-Daudpur, Tehsil- Nawabganj, Barabanki., Shri Rajesh Kumar Sureka, Area -0.309 ha. File No. 6232/Proposal No. SIA/UP/MIN/202170/2021**

**RESOLUTION AGAINST AGENDA NO-13**

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

**14. Soil Mining at Khasra No./Gata No.221, Village-Daudpur, Tehsil-Nawabganj, Barabanki., Shri Ashok Kumar, Area -0.696 ha. File No. 6233/Proposal No. SIA/UP/MIN/202099/2021**

A presentation was made by the project proponent along with their consultant M/s Globus environment engineering services. The proponent, through the documents submitted and the presentation made informed the committee that: -

1. The environmental clearance is sought for Ordinary Earth Mining at Araj/Gata no.- 221, Village-Chandamau, Tehsil-Ramnagar, District-Barabanki, U.P., (Leased Area-0.696 ha.)
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/202099/2021
2.	File No. allotted by SEIAA, UP	6233
3.	Name of Proponent	Shri Ashok Kumar
4.	Full correspondence address of proponent and mobile no.	Shri Ashok Kumar R/o- village- Chandamau, Ramnagar, Barabanki, Uttar Pradesh. E-mail Id- ashokkumar541818@gmail.com
5.	Name of Project	Ordinary Earth Mining

		Village –Chandamau, Tehsil-Ramnagar, District–Barabanki, Uttar Pradesh				
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. –221, Village –Chandamau, Tehsil-Ramnagar, District–Barabanki, Uttar Pradesh				
7.	Name of River	NA				
8.	Name of Village	Chandamau				
9.	Tehsil	Ramnagar				
10.	District	Barabanki				
11.	Name of Minor Mineral	Soil Mining				
12.	Sanctioned Lease Area (in Ha.)	0.696 ha.				
13.	Max. & Min mRL within lease area	115mRL				
14.	Pillar Coordinates (Verified by DMO)	Plot No	Points	Latitude	Longitude	
		221	A	27° 4.353'N	81° 24.312'E	
			B	27° 4.340'N	81° 24.339'E	
			C	27° 4.317'N	81° 24.330'E	
			D	27° 4.312'N	81° 24.339'E	
			E	27° 4.280'N	81° 24.326'E	
			F	27° 4.299'N	81° 24.288'E	
15.	Total Geological Reserves	13920 m <sup>3</sup>				
16.	Total Mineable Reserve (as per Approved Mine Plan)	11902 m <sup>3</sup>				
17.	Total Proposed Production	11000 m <sup>3</sup> (for 3 months)				
18.	Proposed Production /year	11000 m <sup>3</sup> (for 3 months)				
19.	Sanctioned Period of Mine lease	0.696 ha.				
20.	Production of mine/day	122 m <sup>3</sup> /day				
21.	Method of Mining	Opencast manual				
22.	No. of working days	90				
23.	Working hours/day	8				
24.	No. of worker	28				
25.	No. of vehicles movement/day	10				
26.	Type of Land	Private land				
27.	Ultimate of Depth of Mining	2.2m				
28.	Nearest metalled road from site	120m				
29.	Water Requirement	PURPOSE			REQUIREMENT (KLD)	
		Drinking			0.84 KLD	
		Suppression of dust			0.48 KLD	
		Plantation			0.10 KLD	
		Total			1.42 KLD	
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Globus environment engineering services SL. NO. 85, VALID TILL 30/06/2021				
31.	Any litigation pending against the project or land in any court	No				
32.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 343/A.J.A II				
33.	Details of Lease Area in approved DSR	0.696 ha.				
34.	Proposed CER cost	Rs. 50000				
35.	Proposed EMP cost	Total project cost-10 lakh				
36.	Length and breadth of Haul Road	120m & 6m				
37.	No. of Trees to be Planted	50				

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not

intersect the ground water table at any point of time.

4. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
5. There is no litigation pending in any court regarding this project.
6. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

**RESOLUTION AGAINST AGENDA NO-14**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-4 to these minutes regarding Soil Earth mining project.**

**15. Soil Mining at Gata No.-129, 146mi, 104mi, 8mi,153,77mi,123/158, Village- Kurreya mu. Khanpur, Puwanya, Shahjahanpur., Shri Rajesh KumarVerma.,Area -3.652 ha. File No. 6237/Proposal No. SIA/UP/MIN/203404/2021**

A presentation was made by the project proponent along with their consultant M/s Chandigarh Pollution Testing Laboratory-EIA Division. The committee discussed the matter and directed the project proponent to submit following information:

1. Revised plan for no. of plantation as per guidelines.
2. Revised EMP & water requirement details.

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

**16. Sand/Morrum Mining from Betwa Riverbed at Gata No.240, Khand No.03, Village-Hamanpur, Tehsil-Kalpi, Jalaun., Shri Bishan Singh, Area: 13.360 ha. File No. 6241/5922/Proposal No. SIA/UP/MIN/61988/2020**

A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Pvt. Ltd. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Sand/Morrum Mining from Betwa River at Gata No. 240, Khand No. 03 Village- Himanpura, Tehsil – Kalpi District- Jalaun, Uttar Pradesh (Leased Area- 13.360 ha).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 607/parya/SEAC/55922/2019, dated 07/01/2021.
3. The public hearing was organized on 01/03/2021. Final EIA report submitted by the project proponent on 19/03/2021.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/61988/2020
2. File No. allotted by SEIAA, UP	6241/5922
3. Name of Proponent	Shri Bishan Singh
4. Full correspondence address of proponent and mobile No.	R/o- 240/4A, Civil Lines Kachahari chauraha, Tehsil- Jhansi, District- Jhansi, Uttar Pradesh.
5. Name of Project	Proposed Himanpura Sand/Morrum Mining Project
6. Project location (Plot/Khasra/Gata No.)	Gate No. 240 Khand 03
7. Name of River	Betwa
8. Name of Village	HIMANPURA
9. Tehsil	Kalpi
10. District	JALAUN
11. Name of Minor Mineral	Sand
12. Sanctioned Lease Area (in Ha.)	13.360 Ha
13. Max & Min mRL within lease area	Max- 107 mRL and Min-105.2 mRL
14. Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area

	Pillar No.	Latitude	Longitude
	A	25°52'3.43"N	79°47'36.50"E
	B	25°51'49.80"N	79°47'35.77"E
	C	25°51'51.50"N	79°47'47.76"E
	D	25°52'6.05"N	79°47'48.44"E
	E	25°52'3.58"N	79°47'40.56"E
15. Total Geological Reserves	3,33,743cum		
16. Total Mineable Reserves in LOI	2,00,400cum		
17. Total Proposed Production	10,02,000 cum in 5 year		
18. Proposed Production/year	2,00,400cum		
19. Sanctioned Period of Mine lease	5 years		
20. Production of mine/day	770.76 cum		
21. Method of Mining	Semi-mechanized		
22. No. of working days	260		
23. Working hours/day	8 hours		
24. No. of workers	62		
25. No. of vehicles movement/day	45		
26. Type of Land	Government waste land		
27. Ultimate Depth of Mining	1.98 m		
28. Nearest metalled road from site	0.6 km		
29. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.62	
	Suppression of dust	7.68	
	Plantation	0.65	
	Total	8.95	
30. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022		
31. Any litigation pending against the project or land in any court	No		
32. Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified		
33. Details of Lease Area in approved DSR	Yes, given in the DSR		
34. Proposed EMP cost including CER Cost	Capital Cost-Rs.2.9 Lac + 1.9=4.8 Lac Recurring Cost-1.00 Lac/year		
35. No. of Trees to be Planted	325 plants		

5. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
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-16**

The committee discussed the matter and directed the project proponent to submit following information:

1. Approved DSR from competent authority.

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

**17. Sand/Morrum Mining from Betwa River Bed at Khand No.240, Khand No.04, Village-Himanpura, Tehsil-Kalpi, Jalaun., Shri Yogendra Pramani, Area: 16.194 ha. File No. 6245/5670/Proposal No. SIA/UP/MIN/62040/2020**

A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Pvt. Ltd. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Sand/ Morrum Mining at Khand No. 04, Gata No.240, Village- Himanpura, Tehsil- Kalpi, District- Jalaun, U.P., Shri Yogendra Pramani, (Leased Area 16.194, ha).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 218/parya/SEAC/5670/2019, dated 27/07/2020.
3. The public hearing was organized on 01/03/2021. Final EIA report submitted by the project proponent on 22/03/2021.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/53308/2020		
2. File No. allotted by SEIAA, UP	6245-5670		
3. Name of Proponent	Shri Yogendra Pramani		
4. Full correspondence address of proponent and mobile No.	356/4, Civil Lines, Thana- Nawabad, Tehsil - Sadar, District- Jhansi, Uttar Pradesh		
	Mobile No-		
	Email-		
5. Name of Project	Proposed riverbed Sand/Morrum mining project from Betwa River for Shri Yogendra Pramani.		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 240, Khand No. 04		
7. Name of River	Betwa		
8. Name of Village	Himanpura		
9. Tehsil	Kalpi		
10. District	Jalaun		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	16.194		
13. Max & Min mRL within lease area	Max- 106 mRL and Min- 104 mRL		
14. Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude	Longitude
	A	25°52'3.43"N	79°47'36.50"E
	B	25°52'3.78"N	79°47'22.83"E
	C	25°51'49.47"N	79°47'21.85"E
	D	25°51'49.88"N	79°47'35.77"E
	D1	25°51'49.83"N	79°47'23.55"E
15. Total Geological Reserves	4,04,806 cum		
16. Total Mineable Reserves in LOI	2,42,910 cum		
17. Total Proposed Production	12,14,550 cum		
18. Proposed Production/year	2,42,910 cum		
19. Sanctioned Period of Mine lease	5 years		
20. Production of mine/day	934.26		
21. Method of Mining	Open Cast Semi-mechanized Method		
22. No. of working days	260 days		
23. Working hours/day	8 hrs		
24. No. of workers	64		
25. No. of vehicles movement/day	71		
26. Type of Land	Government waste land		
27. Ultimate Depth of Mining	1.6537		

28. Nearest metalled road from site	0.8 km	
29. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.64
	Suppression of dust	10.46
	Plantation	0.88
	Others (if any)	-
	Total	11.98
30. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022	
31. Any litigation pending against the project or land in any court	No	
32. 36. Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, 985/ Khanij M M C- 30	
33. Details of Lease Area in approved DSR	Yes, Page No. 54 Sl. No. 48	
34. Proposed CER cost	Rs 1,90,000 /-	
35. Proposed EMP cost	Rs 6,51,388 /-	
36. Length and breadth of Haul Road	Length: 0.872 km, width: 6 m	
37. No. of Trees to be Planted	440 plants	

5. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
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-17**

The committee discussed the matter and directed the project proponent to submit following information:

##### **1. Approved DSR from competent authority.**

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

#### **18. Sand/ Morrum Mining from Yamuna Riverbed at Gata No.303mi, 313mi, 290mi, 301mi,303, 304mi, 314mi, 297mi, 298mi, 302mi, 311 mi, 312 mi, 313, 314, Khand No.-02 , Village-Panchayara, Tehsil- Loni, Ghaziabad, U.P., Shri Bani Singh, M/s New Panther Security Guard Service, Lease Area: 12.512 ha. File No. 5793/Proposal No. SIA/UP/MIN/ 55952/2020**

A presentation was made by the project proponent along with their consultant M/s Globus Environment Engineering Services. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Sand/Morrum Mining from Yamuna Riverbed at Gata No. 303 mi, 313 mi, 290 mi, 301 mi, 303, 304 mi, 314 mi, 297 mi, 298 mi, 302 mi, 311 mi, 312 mi, 313 mi & 314 mi, Khand No.-02 , Village- Panchayara, Tehsil- Loni, Ghaziabad, U.P., M/s New Panther Security Guard Service, (Leased Area: 12.512 ha.).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 500/Parya/SEAC/5793/2019, dated 04/11/2020.
3. The public hearing was organized on 01/03/2021. Final EIA report submitted by the project proponent on 19/03/2021.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/55952/2020
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2File no. allotted by SEIAA, UP	5793		
2ToR Vide Letter No.	500/Parya/SEAC/5793/2019, Dated: 04.11.2020 by SEIAA, U.P.		
3. Name of Proponent	M/s New Panther Security Guard Service ShriBani Singh S/o ShriRaghunath Singh		
4.Full correspondence address of proponent and mobile no.	R/o- Salasar Complex, 306, Shankar Vihar Colony, Kuraishi, Aligarh - 202001		
5. Name of Project	“Sand/ Moram Mining”		
6. Name of River	Yamuna River		
7. Project location (Plot/Khasra/Gata No.)	Gata No. 303 mi, 313 mi, 290 mi, 301 mi, 303, 304 mi, 314 mi, 297 mi, 298 mi, 302 mi, 311 mi, 312 mi, 313 mi & 314 mi		
8. Name of Minor Mineral	River Bed Material (Sand/Moram)		
9. Schedule (as per EIA notification 2006)	1(a)i		
10. Category of Project	B(1)		
11. Sanctioned Lease Area (in Ha.)	Total Lease Area: 12.512 Ha		
12. Mineable Area (in Ha.)	8.512 Ha		
13. Project Status	State Govt. has given its consent vide letter no. 993/खनन/ई-निविदासहईनीलामी / 2020, दिनांक- 23/06/2020 for the exploitation of Sand/Morrum for a period of five years.		
14. Zero level mRL	205 mRL		
15. Max. & Min mRL within lease area	Highest: 208 mRL& Lowest: 207 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanction Lease Area Co-ordinate		
	Pillars	Latitude (N)	Longitude (E)
	A	28°48'1.02"N	77°12'19.63"E
	B	28°47'49.56"N	77°12'17.52"E
	C	28°47'39.12"N	77°12'19.04"E
	D	28°47'39.35"N	77°12'13.26"E
	E	28°47'48.74"N	77°12'10.86"E
	F	28°48'2.80"N	77°12'13.01"E
	Workable Area		
	A	28°48'1.02"N	77°12'19.63"E
	B	28°47'49.56"N	77°12'17.52"E
	C	28°47'39.12"N	77°12'19.04"E
	D'	28°47'39.39"N	77°12'14.95"E
	C'	28°47'43.86"N	77°12'15.30"E
	B'	28°47'52.33"N	77°12'18.05"E
	A'	28°48'0.94"N	77°12'18.99"E
	Non- Workable Area		
	A'	28°48'0.94"N	77°12'18.99"E
	B'	28°47'52.33"N	77°12'18.05"E
	C'	28°47'43.86"N	77°12'15.30"E
	D'	28°47'39.39"N	77°12'14.95"E
	D	28°47'39.35"N	77°12'13.26"E
	E	28°47'48.74"N	77°12'10.86"E
	F	28°48'2.80"N	77°12'13.01"E
17. Total Geological Reserves	4,11,544 m <sup>3</sup>		
18. Total Mineable Reserves	2,50,240 m <sup>3</sup>		
20. Proposed Production/year	1,77,736.8m <sup>3</sup> per annum		
21. Sanctioned Period of Mine lease	Five years		
22. Production of mine/day	683.60 m <sup>3</sup> /day		
23. Method of Mining	Opencast semi-mechanized		
24. No. of Working days	260 Days		

25. Working hours/day		8 -10 hours/day		
26. No. Of Workers		59 Manpower		
27. No. of vehicles movement/day		34 Units (Assumed Loading Capacity: 20 m <sup>3</sup> /Unit)		
28. Type of Land		State Government Land		
29. Ultimate Depth of Mining		2.40 m		
30. Nearest metalled road from site		Panchayara – Mavikala Road is 750 m, East		
31. Water Requirement	Source	Purpose	Detail	Avg.Demand /Day(in KLD)
	Portable Tanker	Drinking @15 lpcd/worker	59 workers x 15 lpcd = 885 Lit/day	0.885 KLD
		Land reclamation/plantation @2.5 Lit/Tree	625 Trees x 2.5 l/day = 1562.5 Lit/day	1.562 KLD
		Dust suppression @1 Lit/Sq.m (twice in a day)	Haul Road Area = (750 m Length x 7 m Width = 4305 m2) x 1 l/Sq.m = 4305 Lit/day x 2 = 8610 Lit/day	8.61 KLD
	Total			11.057 KLD (11.0 KLD)
32. Name of QCI Accredited Consultant with QCI No. and period of validity.		GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Valid Till April 03/2021		
33. Any litigation pending against the project or hand in any court		No		
34. Details of 500 m Cluster Map & certificate issued by Mining Officer		Cluster certificate issued by DMO (Mining Section), Ghaziabad. Letter No. 1112,खननलिपिक /2020,दिनांक -07-08-2020		
35. Details of Mining Lease Area in Approved Mining Plan	Sanctioned Lease Area		12.512 Ha	
	WorkableAreaof thelease		8.512 Ha	
	Area under, SSMMG 2016		0.2190 Ha	
	Area under Safety Zone		1.2449 Ha	
	Area under Active Water Channel		2.535 Ha	
36. Details of Lease Area in approved DSR		Approved DSR,Ghaziabad : Page No-54, Table No-15, Sr. No-2		
37. Total Cost of Project		Rs. 116.45 Lakhs		
38. Proposed CER Cost		Rs. 2.33 Lakhs (2% of the total Project Cost)		
39. Proposed EMP Cost		Rs. 21.57 Lakhs		
40. Length and breadth of Haul Road		Haulage Road Length 750 m & Haulage Road Width 7 m		
41. No. of Trees to be Planted		625 Trees		

5. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
6. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
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-18**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-2 & 3 to these minutes regarding mining project.**

1. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
2. Environment management in according to environmental status and impact of the project.
3. Selection of plants for green belt should be on the basis of pollution removal index.
4. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
5. Pakka motorable haul road to be maintained by the project proponent.
6. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
7. Permission from the competent authority regarding evacuation route should be taken.
8. Project proponent should ensure 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 cylinder to workers should be made for cooking.
12. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
13. Provide suitable mask to the workers.
14. Approach road kaccha is to be made motarable 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 local Divisional Forest Officer.
16. The project proponent shall in 2 years conduct 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 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.
20. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
21. 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 conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
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. Suitable measure should be taken and details to be provided to concern Department.
25. Width of the haul road shall be more than 6 meter.
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.

19. मै0 नेचर क्लीन बायो मेडिकल वेस्ट मैनेजमेंट, खसरा नं0-256, ग्राम ढोलाहेडी, चिलकाना गंडेवर रोड, सहारनपुर को निर्गत टी0ओ0आर0 के सम्बन्ध में उ0 प्र0 प्रदूषण नियंत्रण बोर्ड के पत्र संख्या-जी-34759, दिनांक 25.01.2021 पर विचार-विमर्श।

The committee went through the letter dated 25/01/2021 and opined that the UP Pollution Control Board may like to proceed for public hearing after assessing the revised guidelines for Common Bio-Medical Waste Treatment and Disposal Facilities, 2016 issued by CPCB for establishment of new Common Bio-medical Waste Treatment and Disposal Facilities.

**(Dr. Virendra Misra)**  
Member

**(Dr. Sarita Sinha)**  
Member

**(Dr. Ranjeet Kumar Dalela)**  
Member

**(Shri Meraj Uddin)**  
Member

**(Dr. Ajoy Kumar Mandal)**  
Member

**(Shri Rajive Kumar)**  
Member

**(Dr. Pramod Kumar Mishra)**  
Member

**(Dr. S.N. Singh)**  
Chairman

**Annexure-1**

**Terms of Reference for the Mining Project**

- 1) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
- 2) A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be given.
- 3) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
- 4) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 5) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 6) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
- 7) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report.
- 8) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
- 9) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
- 10) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
- 11) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
- 12) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in

this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.

- 13) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
- 14) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
- 15) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 16) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
- 17) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
- 18) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
- 19) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
- 20) Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).
- 21) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.
- 22) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)] primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM<sub>10</sub>, particularly for free silica, should

- be given.
- 23) Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
  - 24) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
  - 25) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
  - 26) Description of water conservation measures proposed to be adopted in the Project should be given.
  - 27) Details of rainwater harvesting proposed in the Project, if any, should be provided.
  - 28) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
  - 29) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater.
  - 30) Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
  - 31) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
  - 32) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
  - 33) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
  - 34) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
  - 35) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
  - 36) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
  - 37) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
  - 38) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary

allocations.

- 39) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 40) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 41) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
- 42) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 43) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 44) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 45) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
- 46) Besides the above, the below mentioned general points are also to be followed:-
  - a) Executive Summary of the EIA/EMP Report
  - b) All documents to be properly referenced with index and continuous page numbering.
  - c) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
  - d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
  - e) Where the documents provided are in a language other than English, an English translation should be provided.
  - f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
  - g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
  - h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
  - i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
  - j) The EIA report should also include: (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.



**Annexure-2**

**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 law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.

18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.

34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

**Annexure-3**

**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 statutory committee of National board for wild life 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 cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
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 ponding effect and adverse environmental conditions for sand mining in 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 area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
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 plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
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 the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
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 expiry of present mining plan.
19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
26. A copy of clearance letter will be marked to 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.
27. 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.
28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

**Annexure-4**

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

**General condition:**

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

**Specific Conditions:**

1. Environment management should be in accordance with the present environment status of the project.
2. The Environmental clearance will be co-terminus with the agreement/lease.
3. Approach kachcha road should be made motorable and maintained periodically.
4. Transportation of soil should be undertaken in covered containers.
5. Rehabilitation plan with planting of trees to be submitted along with the closure plan.
6. Land to be levelled and handed over to the owners after completion of excavation work.
7. A valid NOC from State Pollution Control Board shall be obtained for the Brick kiln prior to operation as per law and all guidelines must be followed, if applicable.
8. The mining operations shall be strictly limited to the proposed mining sites and proposed purpose.
9. Top soil should be adequately preserved and should be used for landscaping.
10. Excavated soil should be properly stored in a manner not to increase surrounding air pollution level.
11. Water sprinkling should be exercised during excavation and storage of soil for suppression of fugitive dust.
12. Excavated area should be properly reclaimed and ensured that no open bore hole is left.
13. Safety measures for the people working at the site shall be duly taken care of as per law.
14. The excavation work shall be done in day time only.
15. The project boundary shall be properly covered to restrict dust dispersion.

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