

### **Minutes of 421<sup>st</sup> SEAC Meeting Dated 25/09/2019**

The 421<sup>st</sup> meeting of SEAC was held in Directorate of Environment, U.P. on 25/09/2019 following members were present in the SEAC:

1.	Dr. (Prof.) S.N. Singh,	Chairman
2.	Dr. Arvind Mathur,	Member
3.	Dr. Virendra Misra,	Member
4.	Dr. Pramod Kumar Mishra,	Member
5.	Dr. Richhpal Singh Sangu,	Member
6.	Dr. Ranjeet Kumar Dalela,	Member
7.	Ramesh Chand Kataria,	Member
8.	Dr. Ajoy Kumar Mandal,	Member
9.	Shri Meraj Uddin,	Member

The Chairman welcomed the members to the 421<sup>st</sup> SEAC meeting.

The SEAC unanimously took following decisions on the agenda points discussed:

1. **Gitti/Patthar & Weathered Morrum Mine" at Gata No.-315, Khand No.-03, Village- Masni, Tehsil- Naraini, District- Banda,U.P., Shri Manuj Rupauliha, Leased Area -2.0 ha. File No. 4979/Proposal No. SIA/UP/MIN/40443/2019**

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

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. Specific source and quality of drinking water & water consumption should be defined and be recalculated.
2. Environment inventory should be given and environmental management information should be accordingly.
3. Environment management should be in accordance with the present environment status of the project.
4. Mining site should be shown on KML file.

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

2. **Brick Earth Mining at Khasra No.- 162, 161Aa, 161Ba, 163Aa, 163Ba, 155Aa, 155Ba, 156Aa, 156, at Village- Bulakpur, Tehsil- Mat, District- Mathura, U.P., M/s Shri Ram Ent Udhvog, (Leased Area: 4.509 Ha). File No. 4980/Proposal No. SIA/UP/MIN/40618/2019**

**RESOLUTION AGAINST AGENDA NO-02**

A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Private Limited. The committee discussed the matter and directed the project proponent to submit following information:

1. Permission from TTZ Authority.
2. Geo coordinates should be verified on khasra map.
3. Mining site should be shown on KML file.
4. Brick kiln paya wise average production per annum depending upon type of brick kiln.
5. Distance between brick kiln to mining site.
6. Environment management should be in accordance with the present environment status of the project.
7. Details of Kaccha and Pakka haul road.

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

3. **Brick Earth Mining at Khasra No.- 242, 288 at Village- Satlauni Kalan, Tehsil- Iglas, District- Aligarh, U.P., M/s Rakhi Ent Udvog, (Leased Area: 2.2830 Ha). File No. 4986/Proposal No. SIA/UP/MIN/39129/2019**

**RESOLUTION AGAINST AGENDA NO-03**

A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Private Limited. The committee discussed the matter and directed the project proponent to submit following information:

1. Permission from TTZ Authority.
2. Geo coordinates should be verified on khasra map.
3. Mining site should be shown on KML file.
4. Environment management should be in accordance with the present environment status of the project.
5. Brick kiln paya wise average production per annum depending upon type of brick kiln.
6. Distance between brick kiln to mining site.
7. Details of Kaccha and Pakka haul road.

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

4. **"Soil Excavation" at Gata No.-79, Village-Barha, Tehsil- Purwa, District- Unnao, U.P., (Leased Area: 1.2715 Ha), M/s Maa Vindyawashini Builders. File No. 4987/Proposal No. SIA/UP/MIN/40822/2019**

**RESOLUTION AGAINST AGENDA NO-04**

The project proponent/consultant did not turn up at their turn for presentation, however, they came afterwards. Due to paucity of the time the case could not be heard.

**5. Sand/Morrum Mining from Yamuna River Bed at Khand No.-01, Gata No.-2211(part),2195(part),2196,2197(part),2183(part),2198,2199(part),2202,2203,2204,2205,2206,2207,2208,2209,2010,2220,2221(part),2223(part), 224(part), 2226(part), 2227, 2228(part), 2229, 2149(part), 2148 (part), 10(part), 9 , 11(part), 01(part), 2150(part), 08(part), Village-Jauharpur,Tehsil-& District- Banda, U.P., M/s Jai Maa Siddhidatri Buildtech, Lease Area: 15.0 ha. File No. 4505/Proposal No. SIA/UP/MIN/29296/2018**

A presentation was made by the project proponent along with their consultant M/s PARAMARSH (Servicing Environment and Development). 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 River Bed at Khand No.-01, Gata No.- 2211(part),2195(part),2196,2197(part), 2183(part), 2198,2199 (part), 2202,2203, 2204,2205,2206,2207,2208,2209,2010,2220, 2221 (part), 2223(part), 224(part), 2226(part), 2227, 2228(part), 2229, 2149(part), 2148 (part), 10(part), 9 , 11(part), 01(part), 2150(part), 08(part), Village-Jauharpur,Tehsil-& District- Banda, U.P., (Leased Area: 15.0 ha.), M/s Jai Maa Siddhidatri Buildtech.
2. The terms of reference in the matter were issued by SEIAA, U.P. on 12/12/2018.
3. The public hearing was organized on 06/03/2019. Final EIA submitted on 12/08/2019.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/29296/2018		
2. File No. allotted by SEIAA, UP	4505		
3. Name of Proponent	Shri Pramod Tiwari		
4. Full correspondence address of proponent and mobile no.	Shri Pramod Tiwari S/o Shri Raj Naraian Tiwari R/o Narauli, Bijapur, Tehsil - Haidargarh, District - Barabanki, Uttar Pradesh		
5. Name of Project	M/s Jai Maa Siddhidatri Buildtech		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 01, Gata No. 2211 (part), 2195 (part), 2196, 2197 (part), 2183 (part), 2198, 2199 (part), 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2220, 2221 (part), 2223 (part), 2224 (part), 2226 (part), 2227, 2228 (part), 2229, 2149 (part), 2148(part), 10 (part), 09, 11 (part), 01 (part), 2150 (part), 08 (part)		
7. Name of River	Yamuna		
8. Name of Village	Jauharpur		
9. Tehsil	Banda		
10. District	Banda		
11. Name of Minor Mineral	Sand/Morrum mining		
12. Sanctioned Lease Area (in ha.)	15.00 ha		
13. Mineable Area (in ha)	12.13 ha		
14. Zero level mRL	86.00		
15. Max. & Min mRL within lease area	The highest level of area is 98.30mRL near boundary pillar “C” in north the lowest level is 86.9 mRL near boundary pillar “A”.		
16. Pillar Coordinates (Verified by DMO)	Pillar	N	E
	A	25° 42' 53.07"N	80° 34' 11.23"E
	B	25° 42' 56.19"N	80° 34' 02.91"E
	C	25° 43' 11.24"N	80° 34' 15.22"E
	D	25° 43' 06.28"N	80° 34' 24.46"E
17. Total Geological Reserves	5,98,455 m <sup>3</sup>		
18. Total Mineable Reserves in LoI	3,00,000 m <sup>3</sup>		
19. Total Proposed Production	15,00,000 m <sup>3</sup> (5 Year)		
20. Proposed Production/year	3,00,000 m <sup>3</sup>		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1200 m <sup>3</sup>		

23. Method of Mining	Opencast Semi-mechanized	
24. No. of working days	250	
25. Working hours/day	8 hrs	
26. No. of workers	50	
27. No. of vehicles movement/day	100	
28. Type of Land	Govt./Non Forest Land	
29. Ultimate Depth of Mining	3.0 m	
30. Nearest metalled road from site	1.0 Km	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.50 KLD
	Suppression of dust	12.00 KLD @ 1.0 L for 1 sqm (2 time a day)
	Plantation	0.475 KLD @ 1 lit/plant
	Total	12.98 KLD
32. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh (Servicing Environment and Development) 116 2021	
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	Letter No- 1667/Khanij-30, Banda dated 20.09.2018	
35. Details of Lease Area in approved DSR	Page No- 01 Table No- 01	
36. Proposed CER cost	Project cost – 70 lacs/annum CER - 1.40 lacs (2% of Total Cost)	
37. Proposed EMP cost	14.8825 Lacs	
38. Length and breadth of Haul Road	1.0 km and 6m	
39. No. of trees to be planted	475	

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

#### **RESOLUTION AGAINST AGENDA NO-05**

**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. The committee also stipulated following specific conditions:**

- 1- As mentioned in the presentation word “nominal solid waste,” the quantity of solid waste generation should be defined.
- 2- Environment management should be in accordance with the present environment status.
- 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 with minimum Rs. 1.40 Lakhs/annum 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. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Banda, U.P.
- 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.

**6. "Building Stone(Khanda, Gitti, Boulder) Mining" at Khasra No.-452, at Village- Simardha, Tehsil & District- Jhansi, U.P., Shri Anil Kumar, Area -1.618 ha. File No. 4995/Proposal No. SIA/UP/MIN/40277/2019**

**RESOLUTION AGAINST AGENDA NO-06**

A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Private Limited. The committee discussed the matter and directed the project proponent to submit following information:

1. Revise mining plan.
2. Year wise production details as per MM-12.
3. Secondary data should be provided.
4. Environmental status in vicinity to the project site.
5. Environment management should be in accordance with the present environment status of the project.
6. Mining site should be shown on KML file.

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

**7. Sand/Morrum Mining, Yamuna River Bed, Khand No.- 04, Gata No.- 121 to 124, 135 to 153, at Village- Oti, Tehsil- Sadar, District- Fatehpur, U.P., M/s Shree bamdev Global Pvt. Ltd. Area: 35.63 ha. File No. 4558/Proposal No. SIA/UP/MIN/29774/2018**

A presentation was made by the project proponent along with their consultant M/s PARAMARSH (Servicing Environment and Development). The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Sand/Morrum Mining, Yamuna River Bed, Khand No.- 04, Gata No.- 121 to 124, 135 to 153, at Village- Oti, Tehsil- Sadar, District- Fatehpur, U.P., (Leased Area: 35.63 ha.), M/s Shree bamdev Global Pvt. Ltd.
2. The terms of reference in the matter were issued by SEIAA, U.P. on 07/01/2019.
3. The public hearing was organized on 07/06/2019. Final EIA submitted on 16/08/2019.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/29774/2018		
2. File No. allotted by SEIAA, UP	4558		
3. Name of Proponent	M/s Shree Bamdev Global Private Limited		
4. Full correspondence address of proponent and mobile no.	Shri Upendra Kumar Gupta S/o Shri Munnalal Gupta R/o E-91, Shree Nath Vihar, Flat No. 2, Chilla Road, District - Fatehpur, Uttar Pradesh - 210001.		
5. Name of Project	Sand/Morrum Mining having lease area 35.63ha (88.00 acre) along River Yamuna in Khand No. O – 4, Gata No 121 to 124, 135 to 153, at Village – Oti, Tehsil- Sadar, District- Fatehpur, U. P		
6. Project location (Plot/Khasra/Gata No.)	Khand No. O – 4, Gata No 121 to 124, 135 to 153,		
7. Name of River	Yamuna		
8. Name of Village	Oti		
9. Tehsil	Sadar		
10. District	Fatehpur		
11. Name of Minor Mineral	Sand/Morrum Mining		
12. Sanctioned Lease Area (in Ha. )	35.63ha (88.00 acre)		
13. Mineable Area (in ha)	35.63ha		
14. Zero level mRL	85.00		
15. Max. & Min mRL within lease area	<ul style="list-style-type: none"> <li>The highest level of area is 93.10mRL near boundary pillar “D” in south</li> <li>The lowest level is 86.0mRL near boundary pillar “C”</li> </ul>		
16. Pillar Coordinates (Verified by DMO)	Pillar No	Latitude	Latitude
	A	25° 43' 24.84"N	80° 34' 48.30"E
	B	25° 43' 18.18"N	80° 34' 60.00"E
	C	25° 42' 51.89"N	80° 34' 42.07"E
	D	25° 42' 58.52"N	80° 34' 31.05"E
	Area Submerge		
	S1	25° 43' 2.54"N	80° 34' 33.74"E
	S2	25° 42' 56.03"N	80° 34' 44.64"E

	S3	25° 43' 2.28"N	80° 34' 49.24"E
	S4	25° 43' 10.64"N	80° 34' 38.64"E
17. Total Geological Reserves	7,97,597 m <sup>3</sup>		
18. Total Mineable Reserves	5,34,450 m <sup>3</sup>		
19. Total Proposed Production	26,72,250 m <sup>3</sup> (5 Year)		
20. Proposed Production/year	5,34,450 m <sup>3</sup>		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2137 m <sup>3</sup>		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	250		
25. Working hours/day	8 hrs		
26. No. of workers	90		
27. No. of vehicles movement/day	178		
28. Type of Land	Govt./Non Forest Land		
29. Ultimate Depth of Mining	3.0 m		
30. Nearest metalled road from site	1.00 Km		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.90KLD	
	Suppression of dust	12.0 KLD @ 1.0 KL for 1000 m (2 time a day)	
	Plantation	0.58 KLD @ 1 lit/plant	
	Total	13.48 KLD	
32. Name of QCI Accredited Consultant with QCI No. period of validity.	Paramarsh (Servicing Environment and Development) 116 01.05.2021		
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	Letter No- 685/30-Khanij (2019-20) dated 20/09/2019		
35. Details of Lease Area in approved DSR	Page No- 07 Table No- 20		
36. Proposed CER cost	2.0 lacs (2% of Total Cost)		
37. Proposed EMP cost	15.33 lacs		
38. Length and breadth of Haul Road	1.0 km and 6m		

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

#### **RESOLUTION AGAINST AGENDA NO-07**

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

- 1- Environment management according to environmental status and impact of the project.
- 2- Selection of plants for green belt should be on the basis of pollution removal index.
- 3- No mining activity should be carried out in-stream channel as per SSMMG, 2016.
- 4- Pakka motorable haul road to be maintained by the project proponent.

- 5- 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.
- 6- Permission from the competent authority regarding evacuation route should be taken.
- 7- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 8- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 9- 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.
- 10- Provision for cylinder to workers should be made for cooking.
- 11- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 12- Provide suitable mask to the workers.
- 13- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 14- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 15- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
- 16- Provision for two toilets and hand pumps should be made at mining site.
- 17- Drinking water for workers would be provided by tankers.
- 18- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 19- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 20- Corporate Environmental Responsibility (CER) plan with minimum Rs. 2.0 Lakhs/annum 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. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development Officers, Fatehpur, U.P.
- 21- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 22- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 23- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 24- Width of the haul road shall be more than 6 meter.
- 25- 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.

8. Sand/Morrum Mining Yamuna River Bed, Khand No.- 6, (Gata No.-01 (Part), 02(Part), 03, 2139(Part), 2138, 2137, 2136 (Part) in revised DSR on dated 17.08.2018) at Village- Jauharpur, Tehsil- Banda, District- Banda, U.P., Smt. Deepti Gupta (Leased Area-15.0 Ha). File No. 4572/Proposal No. SIA/UP/MIN/29933/2018

**RESOLUTION AGAINST AGENDA NO-08**

The committee discussed the matter and recommended to get a factual field report from District Magistrate, Banda and Department of Geology and Mining.

9. Soil Mining of Gata No.- 1767 Ka, 1795 Ka, 1752 Kha, 1216 Ka, 1189 Ka, 529, 1019, 577, 1991 Kha, 1637, 1953, 1985, 531, 1184 Kha, 1672, 1671, 1034, 931, 1535 Ka, 1514 Ka, 1369 in Village- Mushtafabad, Tehsil- Sadar, District- Varanasi, U.P., Smt. Neelam Mishra Leased Area -1.206 ha. File No. 5004/Proposal No. SIA/UP/MIN/41559/2019

**RESOLUTION AGAINST AGENDA NO-09**

A presentation was made by the project proponent along with their consultant M/s Greencindia Consulting Private Limited. The committee discussed the matter and directed the project proponent to submit following information:

1. Mining plan should be signed by competent authority.
2. Map should be verified by DMO/District Administration.
3. Environment management should be in accordance with the present environment status of the project.
4. Mining site should be shown on KML file.

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

10. Sand/Morrum Mining in Yamuna River Bed at Gata No.- 621 ma, 622 ma, Village- Mandawar-4, Tehsil- Kairana, District- Shamli, U.P., M/s P.C. Gupta & Company (Leased Area- 20.34 ha). File No. 5005/4451/Proposal No. SIA/UP/MIN/41587/2018

**RESOLUTION AGAINST AGENDA NO-10**

A presentation was made by the project proponent along with their consultant M/s Greencindia Consulting Private Limited. The committee discussed the matter and directed the project proponent to submit permission for temporary pantoon bridge from the competent authority as mentioned in TOR point no. 3 should be submitted.

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

**11. "Granite(Gitti, Khanda, Boulder) Mining" at Gaa No.- 309, Village- Nahari, Tehsil- Naraini, District-Banda, U.P., Shri Ateek Ahmad, M/s S.S.GRANITE, Leased Area -3.25 ha. File No. 5006/Proposal No. SIA/UP/MIN/41610/2019**

**RESOLUTION AGAINST AGENDA NO-11**

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. Environment status & impact of the project.
2. Environment management should be in accordance with the present environment status of the project.
3. Specific source and quality of drinking water & water consumption should be recalculated.
4. EMP should be revised.
5. Mining site should be shown on KML file.

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

**12. Proposed "Ordinary Soil Mining Project" at Gata No.- 115, 119, 127, Villae- Dewara Khurd, Tehsil- Unnao, District- Unnao, U.P., Shri Nadu, Leased Area -0.866 ha. File No. 5007/Proposal No. SIA/UP/MIN/41595/2019**

**RESOLUTION AGAINST AGENDA NO-12**

A presentation was made by the project proponent along with their consultant M/s OCEAO-ENVIRO Management Solutions (India) Private Limited. The committee discussed the matter and directed the project proponent to submit following information:

1. Supplementary affidavit should be submitted.
2. Map should be verified by DMO/District Administration.
3. Environment management should be in accordance with the present environment status of the project.
4. Mining site should be shown on KML file.

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

**13. Sand/Morrum Mining Project from Betwa River Bed at Khand No.- 01, Gata No.- 2513, 2629, Village-Kharka, Tehsil- Orai, District-Jalaun, U.P., Shri Ram Kumar Singh Leased Area-20.242 Ha. File No. 5009/4403/Proposal No. SIA/UP/MIN/41711/2018**

**RESOLUTION AGAINST AGENDA NO-13**

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

1. The environmental clearance is sought for Sand/Morrum Mining Project from Betwa River Bed at Khand No.- 01, Gata No.- 2513, 2629, Village-Kharka, Tehsil- Orai, District-Jalaun, U.P., (Leased Area-20.242 Ha).
2. The public hearing was organized on 26/03/2019.

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

On-line proposal No.	SIA/UP/MIN/ 41711/2018	
File No. allotted by SEIAA, UP	5009/4403	
Name of Proponent	Shri Ram Kumar Singh	
Full correspondence address of proponent and mobile no.	Shri Ram Kumar Singh S/o Shri Harpal Singh Parmar R/o- Range Chauraha, Gursarai Thana- Gursarai, thesil- Garautha District-Jhansi(U.P)	
Name of Project	Kharka Sand/Moram Mining project	
Project location (Plot/Khasra/Gata No.)	Khand No.1, Gata no- 2513,2629	
Name of River	Betwa River	
Name of Village	Kharka	
Tehsil	Orai	
District	District -Jalaun, Uttar Pradesh	
Name of Minor Mineral	Sand /Morrum Mining	
Sanctioned Lease Area (in Ha. )	20.242 Ha.	
Mineable Area (in Ha. )	11.40 ha.	
Zero level mRL	98 mRL	
Max. & Min mrl within lease area	101.5mRL & 98.0 mRL	
Pillar Coordinates (Verified by DMO)		
Pillar No.	Latitude N	Longitude E
A	25° 53' 15.56''	79° 34' 8.01''
B	25° 53' 12.90''	79° 34' 7.92''
C	25° 53' 9.55''	79° 34' 5.70''
D	25° 53' 7.90''	79° 34' 4.60''
E	25° 53' 6.23''	79° 34' 10.11''
F	25° 53' 9.82''	79° 34' 31.42''
G	25° 53' 12.61''	79° 34' 31.22''
H	25° 53' 20.08''	79° 34' 30.68''
Total Geological Reserves	383740 m <sup>3</sup>	
Total Mineable Reserves	212984 m <sup>3</sup>	
Total Proposed Production (in five year)	1012100 m3	
Proposed Production/year	202420 m3/annum	
Production of mine/day	810 m3/day	
Method of Mining	Opencast Semi-Mechanized	
No. of working days	250	
Working hours/day	12	
No. Of workers	65	
No. Of vehicles movement/day	146	
Type of Land	State Govt. Land	
Ultimate Depth of Mining	Maximum 2 m	
Nearest metalled road from site	NH-25	
Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	1.0 KLD
	Suppression of dust	42.0KLD
	Plantation	2.5 KLD
	Others (if any)	----
	Total	45.5 kld
Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1619, validity=15-11-2019	
Any litigation pending against the project or land in any court	No	
Details of 500 m Cluster Map & certificate issued by Mining Officer	letter No. 120, खनिज-एमएमसी-30, Dated: 10.05.2018	

Details of Lease Area in approved DSR	Page No.53, Row No. 8
Proposed CSR cost	RS-3.08Lakh
Proposed EMP cost	Capital Rs-57.19Lakh/-
Length and breadth of Haul Road	3500m, 6 m
No. of Trees to be Planted	2500 plants

4. 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.
5. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
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-13**

**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. The committee also stipulated following specific conditions:**

- 1- Environment management according to environmental status and impact of the project.
- 2- Selection of plants for green belt should be on the basis of pollution removal index.
- 3- No mining activity should be carried out in-stream channel as per SSMMG, 2016.
- 4- Pakka motorable haul road to be maintained by the project proponent.
- 5- 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.
- 6- Permission from the competent authority regarding evacuation route should be taken.
- 7- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 8- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 9- 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.
- 10- Provision for cylinder to workers should be made for cooking.
- 11- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 12- Provide suitable mask to the workers.
- 13- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 14- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 15- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
- 16- Provision for two toilets and hand pumps should be made at mining site.
- 17- Drinking water for workers would be provided by tankers.
- 18- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 19- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 20- Corporate Environmental Responsibility (CER) plan with minimum Rs. 3.8 Lakhs/annum 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. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development Officers, Jananu, U.P.

- 21- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 22- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 23- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 24- Width of the haul road shall be more than 6 meter.
- 25- 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.

**Matter with the permission of Chairman:**

**14. Sand/Morrum Mining at Khand No.-R-2,(Gata No.- 20, 42, 43, 45, 48, 21, 41, 40, 46, 47,29, 30, 39, 38, 37, 28, 31, 32, 33, 36, 27, 34) , Village- Ranipur, Tehsil-Khaga, District- Fatehpur, U.P., M/s Devyash Project & Infra-Structure Pvt. Ltd. ,(Leased Area- 32.38 ha). File No. 4453/Proposal No. SIA/UP/MIN/28750/2018**

A presentation was made by the project proponent along with their consultant M/s Paramarsh (Servicing Environment and Development). 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.-R-2,(Gata No.- 20, 42, 43, 45, 48, 21, 41, 40, 46, 47,29, 30, 39, 38, 37, 28, 31, 32, 33, 36, 27, 34) , Village- Ranipur, Tehsil-Khaga, District- Fatehpur, U.P., M/s Devyash Project & Infra-Structure Pvt. Ltd. ,(Leased Area- 32.38 ha).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. no. 448/Parya/SEAC/4453/2018 dated 13/11/2018.
3. The public hearing was organized on 07/06/2019. Final EIA submitted on 27/08/2019.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/28750/2018	
2. File No .allotted by SEIAA,UP	4453	
3. Name of Proponent	Director- Shri Sanjay Tyagi S/o Shri Devdutt Tyagi M/s Devyash Projects & Infra- Structure Pvt. Ltd.	
4. Full correspondence address of proponent and mobile no.	Add.- Village- Pura, Thana- Mansoorpur, Tehsil- Khatauli, District- Muzaffarnagar, U.P.	
5. Name of Project	Sand/ Morrum Mining Project	
6. Project location (Plot/ Khasra /Gata No.)	Khand No.- R-2 (Gata No.- 20, 42, 43, 45, 48, 21, 41, 40, 46, 47, 29, 30, 39, 38, 37, 28, 31, 32, 33, 36, 27, 34), Village- Ranipur, Tehsil- Khaga, District- Fatehpur, U.P.	
7. Name of River	Yamuna	
8. Name of Village	Ranipur	
9. Tehsil	Khaga	
10.District	Fatehpur	
11. Name of Minor Mineral	Sand/ Morrum	
12. Sanctioned Lease Area (in Ha.)	32.38 ha	
13. Mineable Area (in Ha.)	28.591 ha	
14.Zero level mRL	76.0 mRL	
15.Max.& Min mrl within lease area	84.0 mRL- 77.0 mRL	
16.Pillar Coordinates(Verified by DMO)	Workable Area	
	Pillar	COORDINATE

	A	25°30'08.77"N	81°10'15.45"E	
	B	25°30'01.58"N	81°10'38.63"E	
	C	25°29'48.85"N	81°10'33.28"E	
	G	25°29'52.70"N	81°10'11.76"E	
	Submerged Area			
	C	25°29'48.85"N	81°10'33.28"E	
	D	25°29'44.66"N	81°10'31.50"E	
	E	25°29'51.41"N	81°10'21.57"E	
	F	25°29'50.97"N	81°10'11.35"E	
	G	25°29'52.70"N	81°10'11.76"E	
17.Total Geological Reserves	8,09,500 m <sup>3</sup>			
18.Total Mineable Reserves	4,87,977 m <sup>3</sup>			
19.Total Proposed Production (in five year)	24,28,500 m <sup>3</sup>			
20.Proposed Production for 5 years	Year	Production		
	1 <sup>st</sup>	4,85,700 m <sup>3</sup> Annum		
	2 <sup>nd</sup>	4,85,700 m <sup>3</sup> Annum		
	3 <sup>rd</sup>	4,85,700 m <sup>3</sup> Annum		
	4 <sup>th</sup>	4,85,700 m <sup>3</sup> Annum		
	5 <sup>th</sup>	4,85,700 m <sup>3</sup> Annum		
	Total	24,28,500 m <sup>3</sup>		
21.Sanctioned Period of Mine lease	5 Years			
22.Production of mine/day	2159 m <sup>3</sup>			
23.Method of Mining	Opencast Semi-Mechanized			
24.No.of working days	225 days			
25.Working hours/day	8 Hours/Day			
26.No.Of workers	53			
27.No.Of vehicle movement /day	180			
28.Type of Land	Govt. land Non- Agricultural			
29.Ultimate Depth of Mining	1.90 Meter			
30.Nearest metalled road from site	1.0 km			
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)		
	Drinking	0.53		
	Suppression of dust	6.00		
	Plantation	1.98		
	Others( if any)	-----		
	Total	08.51		
32. Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development)., Lucknow, U.P. QCI/NABET/EIA/ ACO/18/0617, Validity-October 30, 2018			
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	Mine site area is already in Category B1			
35. Details of Lease Area in approved DSR	Page No. 8, S.No. 40			
36. Proposed CER cost	3.50 Lakh			
37. Proposed EMP cost	14.17 Lakh			
38. Length and breadth of Haul Road.	Length- 1.0 Km, Width- more than 6.0 m			
39. No. of Trees to be Planted	495			

5. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
6. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
7. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.

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

**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 2 & 3 to these minutes regarding mining project. The committee also stipulated following specific conditions:**

- 1- Environment management according to environmental status and impact of the project.
- 2- Selection of plants for green belt should be on the basis of pollution removal index.
- 3- No mining activity should be carried out in-stream channel as per SSMMG, 2016.
- 4- Pakka motorable haul road to be maintained by the project proponent.
- 5- 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.
- 6- Permission from the competent authority regarding evacuation route should be taken.
- 7- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 8- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 9- 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.
- 10- Provision for cylinder to workers should be made for cooking.
- 11- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 12- Provide suitable mask to the workers.
- 13- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 14- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 15- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
- 16- Provision for two toilets and hand pumps should be made at mining site.
- 17- Drinking water for workers would be provided by tankers.
- 18- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 19- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 20- Corporate Environmental Responsibility (CER) plan with minimum Rs. 2.80 Lakhs/annum 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. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development Officers, Fatehpur, U.P.
- 21- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 22- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 23- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 24- Width of the haul road shall be more than 6 meter.
- 25- 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.

**15. Sand Mining Project at Ken River Bed at Gata no- 1130, khnad No.- 02, Area 28.0 Ha, at Village- Achharaund, Tehsil- Banda, District- Banda U.P., (Leased Area-28.00 Ha) File No. 4560/Proposal No. SIA/UP/MIN/29780/2018**

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:-

1. The environmental clearance is sought for Sand Mining Project at Ken River Bed at Gata no- 1130, khnad No.- 02 at Village- Achharaund, Tehsil- Banda, District- Banda, U.P., (Leased Area-28.00 Ha).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. no.675/Parya/SEAC/4560/2018 dated 07/02/2019.
3. The public hearing was organized on 26/07/2019. Final EIA submitted on 22/08/2019.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/29780/2018		
2. File No. allotted by SEIAA, UP	4560		
3. Name of Proponent	Smt. Geeta Sharma W/o Shri Girraj Kumar Sharma		
4. Full correspondence address of proponent and mobile no.	M/s Sai Ent Udhyog R/o- Badfara Road Ambah Distrcet-Muraina (M.P.) Pin Code-476111		
5. Name of Project	Sand/Morrum Mining Project		
6. Project location (Plot/Khasra/Gata No. / khand No.)	Part of Gata No. 1130( Khand No. 02)		
7. Name of River	River Ken		
8. Name of Village	Achharaund		
9. Tehsil	Banda		
10. District	Banda (U.P)		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	28.0 Ha.		
13. Mineable Area (in Ha.)	28.0 Ha.		
14. Zero level mRL	94.0 mRL		
15. Max. & Min mrl within lease area	Maximum mRL 100.50 mRL Minimum mrl 95.60 mRL		
16. Pillar Coordinates (Verified by DMO)	<b>Points</b>	<b>Latitude</b>	<b>Longitude</b>
	A	25° 32.434'N	80° 16.627'E
	1	25° 32.438'N	80° 16.656'E
	2	25° 32.443'N	80° 16.685'E
	3	25° 32.447'N	80° 16.714'E
	4	25° 32.451'N	80° 16.743'E
	5	25° 32.455'N	80° 16.774'E
	6	25° 32.459'N	80° 16.804'E
	7	25° 32.464'N	80° 16.835'E
	B	25° 32.468'N	80° 16.867'E
	C	25° 32.502'N	80° 16.858'E
	8	25° 32.517'N	80° 16.853'E
	9	25° 32.529'N	80° 16.843'E
	10	25° 32.542'N	80° 16.832'E
	11	25° 32.557'N	80° 16.824'E
	12	25° 32.571'N	80° 16.816'E
	13	25° 32.586'N	80° 16.808'E
	14	25° 32.603'N	80° 16.799'E
	15	25° 32.623'N	80° 16.790'E
	16	25° 32.644'N	80° 16.785'E
	D	25° 32.663'N	80° 16.775'E
	17	25° 32.679'N	80° 16.750'E

	18	25° 32.697'N	80° 16.726'E
	19	25° 32.721'N	80° 16.706'E
	20	25° 32.740'N	80° 16.687'E
	21	25° 32.768'N	80° 16.671'E
	E	25° 32.806'N	80° 16.660'E
	F	25° 32.814'N	80° 16.640'E
	22	25° 32.857'N	80° 16.628'E
	23	25° 32.902'N	80° 16.614'E
	24	25° 32.944'N	80° 16.601'E
	G	25° 32.991'N	80° 16.586'E
	25	25° 32.990'N	80° 16.556'E
	26	25° 32.988'N	80° 16.525'E
	H	25° 32.987'N	80° 16.494'E
	27	25° 32.916'N	80° 16.504'E
	28	25° 32.859'N	80° 16.511'E
	I	25° 32.791'N	80° 16.523'E
	J	25° 32.761'N	80° 16.514'E
	29	25° 32.742'N	80° 16.523'E
	30	25° 32.721'N	80° 16.533'E
	31	25° 32.702'N	80° 16.541'E
	32	25° 32.680'N	80° 16.551'E
	33	25° 32.665'N	80° 16.558'E
	34	25° 32.648'N	80° 16.562'E
	35	25° 32.626'N	80° 16.570'E
	36	25° 32.605'N	80° 16.578'E
	37	25° 32.581'N	80° 16.586'E
	38	25° 32.555'N	80° 16.591'E
	K	25° 32.531'N	80° 16.594'E
	39	25° 32.517'N	80° 16.603'E
	40	25° 32.500'N	80° 16.614'E
	41	25° 32.482'N	80° 16.626'E
	42	25° 32.464'N	80° 16.635'E
	L	25° 32.448'N	80° 16.642'E
	43	25° 32.441'N	80° 16.636'E
	44	25° 32.436'N	80° 16.627'E
17. Total Geological Reserves		933515 m <sup>3</sup>	
18. Total Mineable Reserves in LOI		5,60,000 m <sup>3</sup> per year in LOI	
19. Total Proposed Production (in five year)		2800000 m <sup>3</sup>	
20. Proposed Production/year		5,60,000 m <sup>3</sup> per year	
21. Sanctioned Period of Mine lease		5 Year	
22. Production of mine/day		2240 m <sup>3</sup> /day	
23. Method of Mining		Open cast, Manual, semi mechanized	
24. No. of working days		250	
25. Working hours/day		8 hours/day	
26. No. Of workers		Approximately 60 workers	
27. No. Of vehicles movement/day		50 - 60 Vehicles movement/day	
28. Type of Land		Sand/ Morrum	
29. Ultimate Depth of Mining		2.0 m	
30. Nearest metalled road from site		NH-232 at 6.62 km towards East direction	
31. Water Requirement		PURPOSE	REQUIREMENT (KLD)
		Drinking	0.70 KLD
		Suppression of dust	8.40 KLD
		Plantation	0.84 KLD
		Others (if any)	-
		Total	9.94 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 and valid up to December 29,2019
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. 1677/ Khanij -30 dated. 23/09/2019
35. Details of Lease Area in approved DSR	Page No. 1, Sr. No. 13 <b>शुद्धि पत्र पत्रांक- 07/पर्या0 सचि0 बाँदा</b> <b>दिनांक: 17/ 08/2018</b>
36. Proposed CER cost	2844800 (2% of the total Project cost)
37. Proposed EMP cost/ Total Project cost	Rs. 14224000
38. Length and breadth of Haul Road	700 m length and 6 m width
39. No. of Trees to be Planted	140

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

#### **RESOLUTION AGAINST AGENDA NO-15**

**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. The committee also stipulated following specific conditions:**

- 1- Environment management according to environmental status and impact of the project.
- 2- Selection of plants for green belt should be on the basis of pollution removal index.
- 3- No mining activity should be carried out in-stream channel as per SSMMG, 2016.
- 4- Pakka motorable haul road to be maintained by the project proponent.
- 5- 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.
- 6- Permission from the competent authority regarding evacuation route should be taken.
- 7- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 8- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 9- 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.
- 10- Provision for cylinder to workers should be made for cooking.
- 11- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 12- Provide suitable mask to the workers.
- 13- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 14- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 15- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
- 16- Provision for two toilets and hand pumps should be made at mining site.
- 17- Drinking water for workers would be provided by tankers.
- 18- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.

- 19- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 20- Corporate Environmental Responsibility (CER) plan with minimum Rs. 28,44,800/- 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. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development Officers, Banda, U.P.
- 21- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 22- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 23- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 24- Width of the haul road shall be more than 6 meter.
- 25- 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.

**(Dr. Arvind Mathur)**  
**Member**

**(Dr. Virendra Misra)**  
**Member**

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

**(Dr. Richhpal Singh Sangu)**  
**Member**

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

**(Shri Ramesh Chand Kataria)**  
**Member**

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

**(Shri Meraj Uddin)**  
**Member**

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

**Annexure-1**

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

**General condition:**

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

**Specific Conditions:**

1. 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 kaccha road should be made motorable and maintained periodically.
4. Transportation of soil should be undertaken in covered containers.
5. Rehabilitation plan with planting of trees to be submitted along with the closure plan.
6. Land to be 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.
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.

**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 Parishad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the 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.

**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 PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub> and NO<sub>x</sub>. 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.