

Minutes of 411th SEAC Meeting Dated 12/07/2019

The 411th meeting of SEAC was held in Directorate of Environment, U.P. on 12/07/2019 following members were present in the SEAC:

1.	Dr. (Prof.) S.N. Singh,	Chairman
2.	Dr. Sarita Sinha,	Member
3.	Dr. Arvind Mathur,	Member
4.	Dr. Virendra Misra,	Member
5.	Dr. Pramod Kumar Mishra,	Member
6.	Dr. Richhpal Singh Sangu,	Member
7.	Prof. S.K. Upadhyay,	Member
8.	Dr. Ajoy Kumar Mandal,	Member
9.	Shri Meraj Uddin,	Member
10.	Shri Rajive Kumar,	Member

The Chairman welcomed the members to the 411th SEAC meeting.

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

1. Sand/Morrum Mining along Betwa River Bed in Khand No.- 10/5, Village-Beri, Tehsil & District- Hamirpur. (Leased Area-36.437 Ha) File No. 4483/Proposal No. SIA/UP/MIN/29076/2018

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 along Betwa River Bed in Khand No.- 10/5, Village-Beri, Tehsil & District- Hamirpur. (Leased Area-36.437 Ha).
- 2- Terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 569/Parya/SEAC/4483/2017 dated 12/12/2018.
- 3- Public hearing was organized on 06/03/2019 and EIA report submitted by project proponent on 28/05/2019.
- 4- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/29076/2018
2. File No. allotted by SEIAA, UP	4483
3. Name of Proponent	Shri Vivek Kumar Singh
4. Full correspondence address of proponent and mobile no.	Shri Vivek Kumar Singh S/o Sri Ram Vishal Singh R/o Gayatri Nagar, Baberu, Uttar Pradesh.
5. Name of Project	Sand/Morrum Mining having lease area 36.437 ha (90.03 acre) along River Betwa in Khand No. 10/5 at Village – Beri, Tehsil- Hamirpur, District- Hamirpur, U. P.
6. Project location (Plot/Khasra/Gata No.)	Khand No. 10/5

7. Name of River	Betwa	
8. Name of Village	Beri	
9. Tehsil	Hamirpur	
10. District	Hamirpur	
11. Name of Minor Mineral	Sand mining	
12. Sanctioned Lease Area (in Ha.)	36.437 ha	
13. Submerged Area (in ha)	11.20 ha	
14. Mineable Area (in ha)	21.74 ha	
15. Zero level mRL	94.00	
16. Max. & Min mRL within lease area	The highest level of area is 103.1mRL near boundary pillar “A” in east, The lowest level is 94.0mRL near boundary pillar “C”	
17. Pillar Coordinates (Verified by DMO)	Total Area	
	Pillar	N E
	A	25° 52' 39.54"N 79° 55' 29.10"E
	B	25° 52' 50.70"N 79° 55' 54.42"E
	C	25° 52' 38.88"N 79° 55' 4.92"E
	D	25° 52' 27.66"N 79° 55' 33.30"E
	Submerged Area	
	Pillar	N E
	S1	25° 52' 34.74"N 79° 55' 30.72"E
	S2	25° 52' 35.76"N 79° 55' 41.10"E
	S3	25° 52' 42.00"N 79° 56' 2.16"E
	S4	25° 52' 39.92"N 79° 56' 4.01"E
	S5	25° 52' 34.40"N 79° 55' 50.70"E
S6	25° 52' 35.28"N 79° 55' 48.72"E	
S7	25° 52' 33.24"N 79° 55' 47.40"E	
S8	25° 52' 28.97"N 79° 55' 32.85"E	
18. Total Geological Reserves	9,27,222 m³	
19. Total Mineable Reserves in LoI	5,82,912 m³	
20. Total Proposed Production	29,14,560 m³ (5 Year)	
21. Proposed Production/year	5,82,912 m³	
22. Sanctioned Period of Mine lease	5 years	
23. Production of mine/day	2332 m³	
24. Method of Mining	Opencast semi mechanized	
25. No. of working days	250	
26. Working hours/day	8 hrs	
27. No. of workers	80	
28. No. of vehicles movement/day	194	
29. Type of Land	Govt./Non Forest Land	
30. Ultimate Depth of Mining	3.0 m	
31. Nearest metalled road from site	0.65 Km	
32. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.80 KLD
	Suppression of dust	7.80 KLD @ 1 L for 1 sqm (2 time a day)
	Plantation	2.40 KLD @ 5 lit/plant
	Total	11 KLD
33. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh (Servicing Environment and Development) 118 2021	
34. Any litigation pending against the project or land	No	

in any court	
35. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-723/Khanij MMC- 30, Vividh (2019-2020) dated 10.07.2019
36. Details of Lease Area in approved DSR	Page No- 01 Table No- 70
37. Proposed CER cost	1.94 lacs (2% of Total Cost)
38. Proposed EMP cost	12,70,000
39. Length and breadth of Haul Road	0.65 km and 6m
40. No. of trees to be planted	445

- 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-01

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 1 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:

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

- 18- Corporate Environmental Responsibility (CER) plan with minimum Rs. 1.94 Lakh /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, Hamirpur, U.P.
- 19- 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.
- 20- 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.
- 21- 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.
- 22- Width of the haul road shall be more than 6 meter.
- 23- 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.

2. Sand/Morrum Mining along Betwa River Bed in Khand No.- 10/6, Village- Beri, Tehsil- Hamirpur, District- Hamirpur, U.P., M/s Kanwar Enterprises Pvt. Ltd., (Leased Area-36.437 Ha) File No. 4479/Proposal No. SIA/UP/MIN/29073/2018

RESOLUTION AGAINST AGENDA NO-02

The project proponent through his letter dated 08/07/2019 informed that 50% of lease area is submerged under water. Hence, the committee recommended seeking a factual report from Department of Geology and Mining Department U.P. The committee also advised the project proponent to contact Department of Geology and Mining Department U.P. in this regard.

3. Sand/Morrum Mining on Yamuna River bed at Khand No.-05, Gata No.- 376Mi, 377Mi, 374Mi, 415Mi, 414Mi, 378, 381Mi, 413Mi, 379, 380Mi, 412Mi, 409, 408Mi, 411Mi, 410, 406Mi, 438Mi, 439, 405, 398Mi, 399Mi, 440Mi, 404Mi, 403Mi, 435, Village-Adhaval, Tehsil & District-Fatehpur, M/s Lime Light Dealers Pvt. Ltd. (Leased Area-23.75 Ha) File No. 4879/4563/Proposal No.SIA/UP/MIN/37976/2018

RESOLUTION AGAINST AGENDA NO-03

The project proponent did not appear. The committee discussed and deliberated that the 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.

4. Building Stone (Sand stone) Mining at Arajai No.-37, Village- Dakahi, Tehsil- Chunar, District- Mirzapur, U.P., Leased Area -1.21 ha File No. 4861/Proposal No. SIA/UP/MIN/37550/2019

RESOLUTION AGAINST AGENDA NO-04

The project proponent through the letter dated 12/07/2019 requested to defer the matter in upcoming SEAC meeting due to incomplete documents before SEAC. The committee discussed matter and directed to defer the matter as per the request made by the project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online request on prescribed online portal.

5. Khanda, Gitti Mining at Arajai No.-93/1, Khand-08, Village- Lakhanpura, Tehsil- Lalitpur, District- Lalitpur, U.P., Lease area- 2.064 ha. File No. 4864/Proposal No. SIA/UP/MIN/37661/2019

A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Khanda, Gitti Mining at Arajai No.-93/1, Khand-08, Village- Lakhanpura, Tehsil- Lalitpur, District- Lalitpur, U.P., (Lease area- 2.064 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/37661/2019		
2. File No. allotted by SEIAA, UP	4864		
3. Name of Proponent	M/s Sangam Stone Crusher (Partner-Sri Harjeet Singh)		
4. Full correspondence address of proponent and mobile no.	Add- R/o Village Lakhanpura Tehsil-Lalitpur Distt-Lalitpur U.P.		
5. Name of Project	Area 2.064 Ha Khanda Gitti mining project at Arajai No'.93/1 Khand no 08 Village-Lakhanpura, Tehsil-Lalitpur, District-Lalitpur, U.P.		
6. Project Location(Plot.Khasra/Gata No.)	Khand No-08 Arajai No-93/1		
7. Name of River	NA		
8. Name of Village	Lakhanpura		
9. Tehsil	Lalitpur		
10. District	Lalitpur		
11. Name of Minor Mineral	Khanda Gitti		
12. Sanctioned Lease Area (in Ha.)	2.064 Ha		
13. Mineable Area (in Ha.)	1.6970 Ha		
14. Zero level mRL	N/A		
15. Max. & Min mRL within lease area	359.0 mRL to 348.0 mRL		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	25°51'08.80"N	78°27'08.19"E
	B	25°51'10.66"N	78°27'10.81"E
	C	25°51'13.96"N	78°27'14.44"E
	D	25°51'02.67"N	78°27'11.60"E
17. Total Geological Reserves	930485m ³ /Annum		
18. Total Mineable Reserve in LOI	20640m ³ /Annum		
19. Total Proposed Production	20640m ³ /Annum		
20. Proposed Production /year	20640m ³ /Annum		
21. Proposed Production in 20 Years	20640*20=4,12,800		
22. Sanctioned Period of Mine lease	20 Years		
23. Production of mine/day	69m ³ /Day		
24. Method of Mining	Open cast Semi-Mechanized Mining		

25. No. of working days	300 Days	
26. Working hours/day	8 Hours	
27. No. of worker	24 Worker	
28. No. of vehicles movement/day	8 Trucks / Day (Depending on market demand)	
29. Type of Land	Govt. Land	
30. Ultimate of Depth of Mining	6 m	
31. Nearest metalled road from site	1.30 Km	
32. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.24 KLD
	Suppression of dust	4.8 KLD
	Plantation	0.27 KLD
	Others (if any)	
	Total	5.31 KLD (Approx 6.0 KLD)
33. Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.89 Period of Validity- 31.01.2021	
34. Any litigation pending against the project or land in any court	No	
35. Details of 500 m Cluster Certificate verified by Mining Officer	144/30-Mines/19-20 Dated-01/06/2019	
36. Details of Lease Area in approved DSR	Page No-101 Sr.No-02	
37. Proposed CER cost	2% of total project cost i.e. Rs. 1.06Lac	
38. Proposed EMP cost	8.74 Lac	
39. Length and breadth of Haul Road	400 mtr Length & 6m width haulage road	

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

RESOLUTION AGAINST AGENDA NO-05

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.

6. **Sand Mining from Yamuna River bed at Gata No.-2/4, 2/23, 2/24 and 2/28, Khand No.-01, Village- Bendakhadar, Tehsil-Banda, District-Banda, U.P., M/s Saroj Buildcon, (Leased Area-21.0 Ha) File No. 4871/Proposal No. SIA/UP/MIN/37144/2019**

RESOLUTION AGAINST AGENDA NO-06

The project proponent did not appear. The committee discussed and deliberated that the 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.

7. Ordinary Sand Mining on the Ganga Riverbed at Gata No-1436/22,1437, Khand No 1/37, Village-Ralpur, Tehsil-Lalganj, District-Raebareli, U.P. (Leased Area: 8.49 Ha) File No. 4877/Proposal No. SIA/UP/MIN/36958/2019

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 Ordinary Sand Mining on the Ganga Riverbed at Gata No-1436/22,1437, Khand No 1/37, Village-Ralpur, Tehsil-Lalganj, District-Raebareli, U.P. (Leased Area: 8.49 Ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/36958/2019																
2. File No. allotted by SEIAA, UP	4877																
3. Name of Proponent	M/s Pandey Brothers Mining Service Pvt Ltd Prop:Shri Nitin Kumar Pandey S/o Shri Kamlesh Pandey																
4. Full correspondence address of proponent and mobile no.	R/o- Village-Shivpuri ,Post-Gegaso Tehsil- Lalganj Thana-Sareni District Raebareli (U.P.)																
5. Name of Project	Ralpur Ordinary Sand Mine																
6. Project location (Plot/Khasra/Gata No.)	Gata No:1436/22,1437 Khand No: 1/37																
7. Name of River	Ganga River																
8. Name of Village	Ralpur																
9. Tehsil	Lalganj																
10. District	Raebareli,Uttar Pradesh																
11. Name of Minor Mineral	Sand Mining																
12. Sanctioned Lease Area (in Ha.)	8.49 ha																
13. Mineable Area (in Ha.)	Mineable area 7.86 Ha after leaving safety zone 0.63 Ha																
14. Zero level mRL	100.0 mRL																
15. Max. & Min mrl within lease area	104.2 mRL & 100.5 mRL																
16. Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillar No.</th><th>Latitude (N)</th><th>Longitude (E)</th></tr> </thead> <tbody> <tr> <td>A</td><td>26° 1' 54.29"</td><td>80° 50' 45.70"</td></tr> <tr> <td>B</td><td>26° 2' 18.63"</td><td>80° 50' 56.49"</td></tr> <tr> <td>C</td><td>26° 2' 18.11"</td><td>80° 51' 0.47"</td></tr> <tr> <td>D</td><td>26° 1' 53.81"</td><td>80° 50' 49.25"</td></tr> </tbody> </table>		Pillar No.	Latitude (N)	Longitude (E)	A	26° 1' 54.29"	80° 50' 45.70"	B	26° 2' 18.63"	80° 50' 56.49"	C	26° 2' 18.11"	80° 51' 0.47"	D	26° 1' 53.81"	80° 50' 49.25"
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C	26° 2' 18.11"	80° 51' 0.47"															
D	26° 1' 53.81"	80° 50' 49.25"															
17. Total Geological Reserves	2,32,200 m ³ per year / 3,48,300 TPA																
18. Total Mineable Reserves in LOI	67,920 m ³ per year / 101880 TPA																
19. Total Proposed Production (in five year)	3,39,600 m ³ / 5,09,400 TPA																
20. Proposed Production/year	67,920 m ³ per year / 101880 TPA																
21. Sanctioned Period of Mine lease	5 years																
22. Production of mine/day	272 m ³ /day or 408 TPA																
23. Method of Mining	Opencast Semi-Mechanized																
24. No. of working days	250																
25. Working hours/day	12 hrs (in two shifts)																
26. No. Of workers	58																
27. No. Of vehicles movement/day	Truck dumper/tipper, Tractor Trolleys & Other light Vehicles																
28. Type of Land	Lease land issued by government of UP																
29. Ultimate Depth of Mining	1.0 m																
30. Nearest metalled road from site	0.9 km away kaccha road																
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)															
	Drinking	0.58 or 0.6 KLD															
	Suppression of dust	5.4 KLD															

	Plantation	1.8 KLD
	Others (if any)	
	Total	7.8 or 8.0 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1619, validity=31-01-2019, Extended upto 18 August 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	Cluster certificate Letter No. 2927 dated. 20-05-2019	
35. Details of Lease Area in approved DSR	Page no 10 ,Sl.No- 1	
36. Proposed CER cost	Rs-1,90,000/-	
37. Proposed EMP cost	Capital Rs-3,00,000/- recurring cost- Rs 2,50,000/-	
38. Length and breadth of Haul Road	900 m, 6 m	
39. No. of Trees to be Planted	1800 plants	

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

RESOLUTION AGAINST AGENDA NO-07

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-4 to these minutes.

- 8. Building Stone (Khanda, Gitti & Boulder) Mining at Gata No./Araji No./ Plot No.-643, Khanda No.-17, at Village-Goramachhiya, Tehsil & District- Jhansi, U.P., Leased Area - 2.306 ha File No. 4892/Proposal No. SIA/UP/MIN/36975/2019**

RESOLUTION AGAINST AGENDA NO-08

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

- 9. Building Stone (Khanda, Gitti & Boulder) Mining at Gata No./Araji No./ Plot No.-693, Khanda No.- 24, Area - 0.979 ha (2.419 Acres), at Village- Goramachhiya, Tehsil & District- Jhansi, U.P., Leased Area -0.979 ha File No. 4893/Proposal No. SIA/UP/MIN/36981/2019**

RESOLUTION AGAINST AGENDA NO-09

The project proponent did not appear. The committee discussed and deliberated that the 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. Mine Project at Gata No.- 515, Khand No.-01,Village-Sirbo, District- Jhansi, U.P., M/s Sanjay Kumar, Lease Area - 2.023 ha File No. 4742/Proposal No. SIA/UP/MIN/33287/2019

RESOLUTION AGAINST AGENDA NO-10

The project proponent did not appear. The committee discussed and deliberated that the 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.

11. Mine Project at Khasra No.-227, Village- Hamirpur, Tehsil-Atrauli, District- Aligarh. M/s Shri Goverdhan Baba Ent Udyog, Area- 2.525 ha File No. 4741/Proposal No. SIA/UP/MIN/33829/2019

RESOLUTION AGAINST AGENDA NO-11

The project proponent did not appear. The committee discussed and deliberated that the 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.

12. Granite (Khanda,Gitti, Boulders)Mine at Gata No.-715, Village-Gonda, Tehsil- Karwi, Chitrakoot, U.P. Shri Alafnarayan, Leased Area -2.83 ha. File No. 4745/Proposal No. SIA/UP/MIN/34778/2019

RESOLUTION AGAINST AGENDA NO-12

The project proponent did not appear. The committee discussed and deliberated that the 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.

13. Moram Mining Project at Yamuna River bed, Khand No.-302, 301, 296, 297, 286 mi, 271 mi, 287 mi, 270 mi, 269 mi, 259, 58 mi, 255, 254, 253, 291, 252, 251, 292, 290, 289, 288, 287, 294, & 293, at Khand No.- A-10, OF Village-Adhawal, Tehsil & District-Fatepur, U.P.,M/s Bansidhar Construction Pvt. Ltd. Area-40.48, Ha File No. 4357/Proposal No. SIA/UP/MIN/27815/2018

RESOLUTION AGAINST AGENDA NO-13

The project proponent did not appear. The committee discussed and deliberated that the 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. Sand Mining at Gata No.-36 & 5mi, Khand-1B, at Village-Ram Nagar Kauhan, Tehsil-& District- Fatehpur, M/s Indore Property Pvt. Ltd., Lease Area: 40.48 ha File No. 4238/Proposal No. SIA/UP/MIN/25610/2018

RESOLUTION AGAINST AGENDA NO-14

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 gone through the latter no. 222/30-Khanij (2018-

19), dated 05/04/2019 and verified map provided by DMO, Fatehpur and observed that a bridge passes through lease area whose distance and Geo-coordinates from each pillar has been clearly mentioned by DMO. The committee also observed that DMO, Fatehpur also mentioned the perimeters and Geo-coordinates of remaining of area after leaving safety distance of 200 m from the bridge. Hence the committee opined since the bridge lies across the lease area so EC can not be granted in this circumstances.

15. Sand/Morrum Mining along Birma River Bed in Gata No.-102, 174, 175, 30, 29/1, 44, 30, 1, at Village-Sengarpura, Gahlod, Ghurawas Mau, Tehsil- Kulpahad, District-Mahoba, Shri Ajai Raj Dwivadi, Area: 12.428 ha, File No. 4240/Proposal No. SIA/UP/MIN/25634/2018

RESOLUTION AGAINST AGENDA NO-15

The project proponent did not appear. The committee discussed and deliberated that the 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.

16. Sand Mining at Khasra No.-12 Ra, Village- Nauwa Cheriva, Tehsil- Sadar, District- Gorakhpur, Shri Anil Kumar Singh, Lease Area -5.0 ha File No. 4753/Proposal No. SIA/UP/MIN/34667/2019

The committee noted that the matter was earlier discussed in 402nd SEAC meeting dated 16/05/2019 and the project proponent requested to defer the matter in upcoming SEAC Meeting and the matter was deferred. The project proponent through letter dated 13/06/2019 requested to list the matter in next SEAC meeting. Hence, the matter was listed in SEAC meeting dated 12/07/2019.

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 Mining at Khasra No.-12 Ra, Village- Nauwa Cheriya, Tehsil- Sadar, District- Gorakhpur, U.P.,(Leased Area -5.0 ha).
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/34667/2019					
2. File No. allotted by SEIAA, UP	4753					
3. Name of Proponent	Sh. Anil kumar Singh S/o Sh. Jagat Pal Singh					
4. Full correspondence address of proponent and mobile no.	R/o- Muhalla Uttar Patti Thana, Tehsil –Mehdawal, District- Santkabir Nagar (U.P.)					
5. Name of Project	Nauwa Cheriya Sand mining project					
6. Project location (Plot/Khasra/Gata No.)	R/o 12					
7. Name of River	Rapti River					
8. Name of Village	Nauwa Cheriya					
9. Tehsil	Sadar					
10. District	District Gorakhpur, Uttar Pradesh					
11. Name of Minor Mineral	Sand Mining					
12. Sanctioned Lease Area (in Ha.)	5.0 ha					
13. Mineable Area (in Ha.)	Mineable area 4.109 Ha after leaving safety zone 0.891 Ha					
14. Zero level mRL	70.0 mRL					
15. Max. & Min mrl within lease area	Max.- 73.80 mRL & Min. -71.40 mRL					
16. Pillar Coordinates (Verified by DMO)	<table><tr><td>Pillar No.</td><td>Latitude (N)</td><td>Longitude (E)</td></tr></table>			Pillar No.	Latitude (N)	Longitude (E)
Pillar No.	Latitude (N)	Longitude (E)				

		A	26° 38' 7.33" N	83° 24' 6.25"E
		B	26° 38' 13.29" N	83° 24' 21.27"E
		C	26° 38' 9.93" N	83° 24' 23.05"E
		D	26° 38' 4.81" N	83° 24' 7.59"E
17. Total Geological Reserves	1,48,492 m ³ per year / 2,22,738 TPA			
18. Total Mineable Reserves in LOI	25,000 m ³ per year / 37,500 TPA			
19. Total Proposed Production (in five year)	1,25,000 m ³ / 1,87,500 TPA			
20. Proposed Production/year	25,000 m ³ per year / 37,500 TPA			
21. Sanctioned Period of Mine lease	5 years			
22. Production of mine/day	100 m ³ /day or 150 TPA			
23. Method of Mining	Opencast Semi-Mechanized			
24. No. of working days	250			
25. Working hours/day	12 hrs (in two shifts)			
26. No. Of workers	48			
27. No. Of vehicles movement/day	Truck dumper/tipper, Tractor Trolleys & Other light Vehicles			
28. Type of Land	Lease land issued by government of UP			
29. Ultimate Depth of Mining	0.6 m			
30. Nearest metalled road from site	1.22 km away kaccha road			
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)	
	Drinking		0.50 KLD	
	Suppression of dust		7.3 KLD	
	Plantation		2.5 KLD	
	Others (if any)			
	Total		10.3 OR 10.5 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt. Ltd. 1619, validity=31-01-2019, Extended upto 18 August 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. 1520/khanij-2019 dated. 11-04-2019			
35. Details of Lease Area in approved DSR	Page no 15 ,Sl.No- 1			
36. Proposed CER cost	Rs-100,000/-			
37. Proposed EMP cost	Capital Rs-3,00,000/- recurring cost- Rs 2,50,000/-			
38. Length and breadth of Haul Road	1220 m, 6 m			
39. No. of Trees to be Planted	2500 plants			

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

RESOLUTION AGAINST AGENDA NO-16

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 1 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:

- 1- No mining activity should be carried out in-stream channel as per SSMMG, 2016.

- 2- Pakka motorable haul road to be maintained by the project proponent.
- 3- 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.
- 4- Permission from the competent authority regarding evacuation route should be taken.
- 5- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 6- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 7- 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.
- 8- Provision for cylinder to workers should be made for cooking.
- 9- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 10- Provide suitable mask to the workers.
- 11- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 12- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 13- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
- 14- Provision for two toilets and hand pumps should be made at mining site.
- 15- Drinking water for workers would be provided by tankers.
- 16- 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.
- 17- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 18- Corporate Environmental Responsibility (CER) plan with minimum Rs. 1.0 Lakh /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, Gorakhpur, U.P.
- 19- 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.
- 20- 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.
- 21- 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.
- 22- Width of the haul road shall be more than 6 meter.
- 23- 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.

17. Sand/Morrum Mining along Ken River Bed in Gata No.-337 (Part) and 431 (Part), (Block No.-10), at Village-Kanwara, Tehsil & District- Banda,, U.P., M/s Ma Kali Tyers, (Leased Area-24.00 Ha) File No. 4392/Proposal No. SIA/UP/MIN/28159/2018

The committee noted that the matter was earlier discussed in 387th SEAC meeting dated 19/02/2019 and the project proponent did not appear in the meeting. The project proponent through letter dated 24/06/2019 requested to list the matter in next SEAC meeting. Hence, the matter was listed in SEAC meeting dated 12/07/2019.

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 along Ken River Bed in Gata No.-337 (Part) and 431 (Part), (Block No.-10), at Village-Kanwara, Tehsil & District- Banda,, U.P., M/s Ma Kali Tyers, (Leased Area-24.00 Ha)
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/28159/2018		
2. File No. allotted by SEIAA, UP	4392		
3. Name of Proponent	M/s Ma Kali Tyers.		
4. Full correspondence address of proponent and mobile no.	Proprietor Dalpat Singh S/o Shri Anoop Singh R/o Amlikaur, District- Banda Uttar Pradesh		
5. Name of Project	Kanwara Sand/Moram mining project		
6. Project location (Plot/Khasra/Gata No.)	Gata No.- part of 337 and part of 431, Khand No.- 4, (Block No. 10) at Village – Kanwara, Tehsil- Banda, District- Banda, U. P.		
7. Name of River	Ken River		
8. Name of Village	Kanwara		
9. Tehsil	Banda		
10. District	District Banda, Uttar Pradesh		
11. Name of Minor Mineral	Sand/Morrum Mining		
12. Sanctioned Lease Area (in Ha.)	24.00 ha		
13. Mineable Area (in Ha.)	22.37 ha		
14. Zero level mRL	93.0 mRL		
15. Max. & Min mrl within lease area	103.40 mRL & 95.6mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar No	Latitude	Latitude
	A	25° 30' 54.06"N	80° 17' 24.20"E
	B	25° 30' 45.80"N	80° 17' 13.97"E
	C	25° 31' 3.96"N	80° 16' 59.10"E
	D	25° 31' 11.79"N	80° 17' 6.39"E
17. Total Geological Reserves	8,41,285 m ³ or 15,14,313 tonnes		
18. Total Mineable Reserves in LOI	4,80,000 m ³ / 8,64,000 TPA		
19. Total Proposed Production (in five year)	24,00,000m ³ or 43,20,000 tone		
20. Proposed Production/year	4,80,000 m ³ / 8,64,000 TPA		
21. Sanctioned Period of Mine lease	27/05/2018 to 5 Year		
22. Production of mine/day	3456 TPD		
23. Method of Mining	Opencast Semi-Mechanized		
24. No. of working days	250		
25. Working hours/day	8		
26. No. Of workers	80		
27. No. Of vehicles movement/day	173		
28. Type of Land	Govt Land		
29. Ultimate Depth of Mining	maximum 3 ms		

30. Nearest metalled road from site	NH 232	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.8 KLD
	Suppression of dust	9.0 KLD
	Plantation	2.4 KLD
	Others (if any)	
	Total	12.2 or 12.5 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1619 validity 18 th August 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. 1306/khaniz-30-Banda dated. 11-06-2018	
35. Details of Lease Area in approved DSR	Sl. No. 10 page no.2 in Corrected DSR Patrank: 07/Parya.sachi. Banda Dated 17/08/2018	
36. Proposed CER cost	2,00,000/-	
37. Proposed EMP cost	Capital Rs-6,40,000 /- recurring cost- Rs 5,40,000 /-	
38. Length and breadth of Haul Road	1.5 km, 6 m	
39. No. of Trees to be Planted	1500 plants	

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

RESOLUTION AGAINST AGENDA NO-17

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 1 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:

- 1- No mining activity should be carried out in-stream channel as per SSMMG, 2016.
- 2- Pakka motorable haul road to be maintained by the project proponent.
- 3- 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.
- 4- Permission from the competent authority regarding evacuation route should be taken.
- 5- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 6- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 7- 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.
- 8- Provision for cylinder to workers should be made for cooking.
- 9- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 10- Provide suitable mask to the workers.
- 11- Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.

- 12- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 13- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
- 14- Provision for two toilets and hand pumps should be made at mining site.
- 15- Drinking water for workers would be provided by tankers.
- 16- 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.
- 17- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 18- Corporate Environmental Responsibility (CER) plan with minimum Rs. 2.0 Lakh /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.
- 19- 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.
- 20- 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.
- 21- 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.
- 22- Width of the haul road shall be more than 6 meter.
- 23- 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.

18. Sand/Morrum Mining along Yamuna River Bed in Khand No.-04, Village- Jauharpur, The. & Dist.-Banda, M/s Radhika Construction, Area-15.0 Ha File No. 4409/Proposal No. SIA/UP/MIN/28383/2018

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 corrected Letter of Intent (LoI) issued by District Magistrate, Banda as per corrigendum of the DSR by letter no-07/parya sachi banda dated 17-08-2018.

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

19. Building Stone,(Khandas & Gitti, Boulder) Mine at Gata No./Araji No./Plot No.-281, Khand No.-01, Villlage-Marodakhurd, Tehsil- Moth, District- Jhansi, U.P., M/s Harihar Stone Gramodhyog, Area -0.890 ha File No. 4734/Proposal No. SIA/UP/MIN/33155/2018

RESOLUTION AGAINST AGENDA NO-19

The project proponent did not appear. The committee discussed and deliberated that the 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.

20. Sand/Morrum Mining from Betwa Riverbed at Khand No.-24/9, Village- Chikasi, Tehsil-Sarila, District-Hamirpur, U.P., Sanctioned Lease Area-36.437 Ha,M/s Satyam Constructions File No. 4437/Proposal No. SIA/UP/MIN/28562/2018

The committee noted that the environmental clearance for the above proposal was issued by SEIAA, U.P. vide letter no. 526/PARYA/SEAC/4437/2018 dated 24/11/2018 for the lease area 36.437 ha and production capacity 7,28,640 m³/year. The project proponent through letter dated 11/07/2019 informed that at the time of demarcation of lease before execution of lease deed, officials of Revenue Department and DGM, UP noted that about 25 ha of sanctioned lease area comes under jurisdiction of District Jalaun and part of the same (Khand No. 24/9) i.e. 11.0 ha only remains to the District Hamirpur without any change in earlier site. On the recommendation of the report prepared by joint survey team, DM, Hamirpur has issued the revised letter of intent (LOI) dated 12/08/2018 in favour of M/s Satyam Construction with reduced area 11.0 ha and excavation of sand/morrum limiting to 2,19,970 m³/year. Hence, they applied for amendment in environmental clearance letter dated 24/11/2018.

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

1. Details of proposed amendment in E.C letter dated 24/11/2018:

1. On-line proposal No.	SIA/UP/MIN/28562/2018		
2. File No. allotted by SEIAA, UP	4437		
3. Name of Proponent	M/s Satyam Construction Shri Satyam Gupta S/o Shri Saurabh Gupta		
4. Full correspondence address of proponent and mobile no.	M/s Satyam Construction Proprietor- Shri Satyam Gupta S/o Shri Saurabh Gupta, R/o H. No. 944, Civil Line, Tehsil - Jhansi, District - Jhansi, Uttar Pradesh		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 24/9		
7. Name of River	Betwa		
8. Name of Village	Chikasi		
9. Tehsil	Sarila		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	11.0 ha		
13. Mineable Area (in ha)	11.0 ha		
14. Zero level mRL	109 mRL		
15. Max. & Min mrl within lease area	115 mRL and 113 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	25°50'58.27"N	79°29'51.06"E
	B	25°51'1.49"N	79°30'2.16"E
	C	25°51'1.4"N	79°30'1.12"E
	D	25°51'0.8"N	79°30'4.5"E
17. Total Geological Reserves	3,79,852 m ³		
18. Total Mineable Reserves in LOI	2,19,970 m ³ /year		
19. Total Proposed Production	2,19,970 m ³ /year (10,99,850 m ³ in 05 years)		
20. Proposed Production/year	2,19,970 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	799.89 say 800 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 62 labours		
27. No. Of vehicles movement/day	53 units		

28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	SH 21 (Rath- Orai Marg) : 7.0 km* (West)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	1.24
	Suppression of dust	17.64
	Plantation	0.028
	Others (Stored water)	0.10
	Total	19.0 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.	
33. Any litigation pending against the project or land in any court	None	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Not issued	
35. Details of Lease Area in approved DSR	Page No 63; Table No.20	
36. Proposed CER cost	2% of total project cost i.e. Rs. 14,93,404/-	
37. Proposed EMP cost/ Total Project Cost	Rs 38,99,422/- & 7,46,70,180/-	
38. Length and Width of Haul Road	Unpaved Length 1.47 km and Paved Length 5.23 km and 6 m width	
39. No. of Trees to be Planted	83	

The project proponent requested to amend the environmental clearance dated 24/11/2018 as per above project details.

The committee discussed the matter and recommended to amend the environmental clearance letter no. 526/PARYA/SEAC/4437/2018 dated 24/11/2018 as per above project details. The committee also directed the project proponent that all the other contents mentioned in Environmental Clearance letter no. 526/PARYA/SEAC/4437/2018 dated 24/11/2018 shall remain unchanged.

21. Marauli Khadar Sand/Morrum Mining Project at Gata No.- Part of 333/7, Khand No.- 02 near Village- Marauli Khadar, Tehsil & District- Banda, U.P., (Leased Area- 22.00 ha). M/s Sahu Electrical Store. File No. 4906/Proposal No. SIA/UP/MIN/37803/2019

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

1. The environmental clearance is sought for Marauli Khadar Sand/Morrum Mining Project at Gata No.- Part of 333/7, Khand No.- 02 near Village- Marauli Khadar, Tehsil & District- Banda, U.P., (Leased Area- 22.00 ha). M/s Sahu Electrical Store.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/37803/2019
2. File No. allotted by SEIAA, UP	4906
3. Name of Proponent	Shri Manish Sahu, S/o Santsharan Sahu M/s -Sahu Electrical Store
4. Full correspondence address of proponent and mobile no.	R/o-Badihat Mahoba, Tehsil- Mahoba, District- Mahoba
5. Name of Project	Marauli Khader (area 22.00 ha sand/morrum mine) on Ken river
6. Project location (Plot/Khasra/Gata No.)	Gata No: Part of 333/7, Khand No. 02, Village – Marauli Khader, Tehsil- Banda, District- Banda, Uttar Pradesh.
7. Name of River	Ken River
8. Name of Village	Marauli Khader
9. Tehsil	Banda

10. District	Banda		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	22.00 Hectares		
13. Mineable Area (in Ha.)	20.70 Ha.		
14. Zero level mRL	90.00mRL		
15. Max. & Min mRL within lease area	106.0 – 94.0 mRL.		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	25°33'48.26"N	80°17'39.15"E
	B	25°33'34.35"N	80°17'41.24"E
	C	25°33'32.88"N	80°17'51.16"E
	D	25°33'32.53"N	80°17'55.97"E
	E	25°33'33.38"N	80°18'0.14"E
	F	25°33'52.19"N	80°17'45.70"E
17. Total Geological Reserves	8,80,000m ³		
18. Total Mineable Reserves in LOI	4,40,000 m ³		
19. Total Proposed Production (in 5 years)	22, 00,000m ³		
20. Proposed Production/year	4,40,000 m ³ /Year		
21. Sanctioned Period of Mine lease	5 Years		
22. Production of mine/day	1760 m ³ /Day		
23. Method of Mining	Opencast Semi-mechanized mining		
24. No. of working days	250 days/ Year		
25. Working hours/day	12 Hours		
26. No. Of workers	118		
27. No. Of vehicles movement/day	196		
28. Type of Land	Govt. Land		
29. Ultimate Depth of Mining	2.50 m		
30. Nearest metalled road from site	350 m		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		1.18
	Suppression of dust		1.68
	Plantation		3.04
	Others (if any)		0.00
	Total		5.90
32. Name of QCI Accredited Consultant with QCI No and period of validity.	GreencIndia Consulting Pvt Ltd. NABET/EIA/1619/RA0058 valid till 27/10/2019		
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	4304/ Khanij-30, Banda Dated: 02 nd April, 2019.		
35. Details of Lease Area in approved DSR	Table No – 22, Page No. 61 - , Sl. No. - 11 152.02 Hectares		
36. Length and breadth of Haul Road	Length 350 m, Width 6.0 m		

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

RESOLUTION AGAINST AGENDA NO-21

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-4 to these minutes.

22. Proposed of Pathari Sand Mining Project of Shri Rajkumar Gupta (Gata No.- Part of 72/47, 73, Part of 74/1 & 75 mi, Khand No.- 01) & Area- 20.00 Ha Near Village- Pathari, Tehsil- Banda, District- Banda, U.P. File No. 4910/Proposal No. SIA/UP/MIN/37696/2019

RESOLUTION AGAINST AGENDA NO-22

The project proponent through letter dated 11/07/2019 has requested to defer the matter in upcoming SEAC meeting due to some administrative issues with respect of the mining lease. The committee discussed the matter and directed to defer the matter till further request made by the project proponent.

23. Kharai Sand Mining Project of at Khand No.-2/1, 2/2 & 2/4 Near Village- Pathari, Tehsil- Banda, District- Banda, U.P. (Leased Area : 5.80 Ha), M/s R.S.I. Stone World Pvt. Ltd. File No. 4911/Proposal No. SIA/UP/MIN/37627/2019

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

1. The environmental clearance is sought for Kharai Sand Mining Project of at Khand No.-2/1, 2/2 & 2/4 Near Village- Pathari, Tehsil- Banda, District- Banda, U.P. (Leased Area : 5.80 Ha), M/s R.S.I. Stone World Pvt. Ltd.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/37627/2019		
2. File No. allotted by SEIAA, UP	4911		
3. Name of Proponent	Shri Virendra Singh Jadaun R.S.I Stone World Pvt. Ltd		
4. Full correspondence address of proponent and mobile no.	R/o-E-7 m 708, Arera Colony, District- Bhopal (M.P.)		
5. Name of Project	Kharai (area 5.80 ha sand/morrum mine) on Ken river		
6. Project location (Plot/Khasra/Gata No.)	Village – Kharai, Gata no.-2/1, 2/2 & 2/4, Tehsil- Pailani, District- Banda of Uttar Pradesh.		
7. Name of River	Ken River		
8. Name of Village	Kharai		
9. Tehsil	Pailani		
10. District	Banda		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	5.80 Hectares		
13. Mineable Area (in Ha.)	4.6126 Ha.		
14. Zero level mRL	88mRL		
15. Max. & Min mrl within lease area	101 - 97 mRL.		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	25°42'05.03"N	80° 20'38.15"E
	B	25°41'35.87"N	80° 20'43.79"E
	C	25°41'40.50"N	80° 20'43.99"E
	D	25°42'03.56"N	80°20'42.08"E
	E	25°42'06.04"N	80°20'42.99"E
	F	25°42'06.48"N	80°20'41.97"E
17. Total Geological Reserves	2,32,000m ³		

18. Total Mineable Reserves in LOI	116,000 m ³	
19. Total Proposed Production (in 5 years)	5,80,000 m ³	
20. Proposed Production/year	116,000 m ³ /Year	
21. Sanctioned Period of Mine lease	5 Years	
22. Production of mine/day	464 m ³ /Day	
23. Method of Mining	Opencast Semi-mechanized mining	
24. No. of working days	250 days/ Year	
25. Working hours/day	12 Hours	
26. No. Of workers	40	
27. No. Of vehicles movement/day	52	
28. Type of Land	Govt. Land	
29. Ultimate Depth of Mining	3.0 m	
30. Nearest metalled road from site	685 m	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.80
	Suppression of dust	2.89
	Plantation	9.10
	Others (if any)	0.00
	Total	12.79
32. Name of QCI Accredited Consultant with QCI No and period of validity.	GreencIndia Consulting Pvt Ltd. NABET/EIA/1619/RA0058 valid till 27/10/2019	
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	07/ Khanij-30, Banda, Dated: 02 nd April, 2019	
35. Details of Lease Area in approved DSR	Table No. – 22, Page No. - 65 , Sl. No. - 81	
36. Length and breadth of Haul Road	Length 685 m, Width 6.0 m	

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

RESOLUTION AGAINST AGENDA NO-23

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-4 to these minutes.

24. Proposed of Barua Aehatmalis Sand Mining Project of M/s Kashi Construction Company (Gata No.-392/1) & Area- 17.71 Ha Near Village- Barua Aehatmalisi, Tehsil- Rajapur, District- Chitrakoot, U.P., File No. 4912/Proposal No. SIA/UP/MIN/37811/2019

RESOLUTION AGAINST AGENDA NO-24

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. Factual report from the District Magistrate on the matter related to sensitivity of the site and sustainable production.
2. Submit the D.S.R. amendment letter from District Administration.

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

(Dr. Sarita Sinha)
Member

(Dr. Arvind Mathur)
Member

(Dr. Virendra Misra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Dr. Richhpal Singh Sangu)
Member

(Prof. S.K. Upadhyay)
Member

(Dr. Ajoy Kumar Mandal)
Member

(Shri Meraj Uddin)
Member

(Shri Rajive Kumar)
Member

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

Annexure-1

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.

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.

Terms of Reference for Khada, Gitti, Boulder, Stone Mining Project

1. All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
2. Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
3. MOU signed between the project proponent and the consultant should be submitted.
4. A certificate that there is no other mining area within 500 m other than the areas mentioned in the application as above.
5. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
6. Approved mining plans for all the mining projects.
7. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
8. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
9. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
10. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
11. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, 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, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
12. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
13. Impact of change of land use should be given.
14. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
15. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
16. 02 KM kachcha haul road to be made motorable. Submit Plan.
17. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
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 PM₁₀ particularly for free silica should be given.
18. 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 vehicle 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 rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 19. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 20. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 21. Details of water conservation measures proposed to be adopted in the project should be given.
 22. 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.
 23. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. 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. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 24. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 25. Details of rainwater harvesting proposed, if any, in the project should be provided.
 26. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 27. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 28. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 29. 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 increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
 30. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 31. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 32. Phase-wise plan of green belt development, 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.
 33. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 34. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 35. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia

- should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
36. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 37. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 38. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 39. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 40. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 41. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 42. a. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
b. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 43. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 44. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

Terms of Reference for Sand/Moram Mining Project

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CER cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
6. Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
7. MOU signed between the project proponent and the consultant should be submitted.
8. The lab conducting the analysis should be authenticated and registered.
9. Public hearing to be conducted as per EIA Notification, 2006.
10. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
11. Approved mining plans for all the mining projects.
12. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
13. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
14. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
15. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
16. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, 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, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
17. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
18. Impact of change of land use should be given.
19. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
20. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
21. 02 km kachcha haul road to be made motorable. Plan should be submitted.

22. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
23. 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 PM₁₀ particularly for free silica should be given.
24. 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 vehicle 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 rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
25. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
26. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
27. Details of water conservation measures proposed to be adopted in the project should be given.
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. 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. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
30. Details of first order stream, if any passing through lease area and modification/diversion proposed, if any and the impact of the same on the hydrology should be brought out.
31. Details of rainwater harvesting proposed, if any, in the project should be provided.
32. Information on reduced levels/site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
33. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
34. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
35. 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 increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
36. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
37. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
38. Phase-wise plan of green belt development, 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.
39. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the

- stone crusher nearby.
40. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 41. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 42. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 43. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 44. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 45. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 46. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 47. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 48. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 49. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 50. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 51. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.
 52. Consultant should bring raw data at the time of presentation.
 53. In surface water quality aquatic study of phytoplankton and zooplankton.
 54. The baseline data should be signed by NABL/MoEF&CC accredited analyst.
 55. The meteorological data should be site specific.