

### **Minutes of 367<sup>th</sup> SEAC Meeting Date 23/10/2018**

The 367<sup>th</sup> meeting of SEAC was held in Directorate of Environment, U.P. on 23/10/2018 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. Parmod Kumar Mishra,	Member
6.	Dr. Richhpal Singh Sangu,	Member
7.	Dr. Ajoy Kumar Mandal,	Member
8.	Shri Meraj Uddin,	Member
9.	Shri Rajive Kumar,	Member

The Chairman welcomed the members to the 367<sup>th</sup> SEAC meeting.

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

- **Complain letter dated 22/10/2018 & 23/10/2018 of Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India regarding regional EIA submitted by DAS (India) Private Limited.**
- **Complain letter dated 23/10/2018 of Mr. Amit Upadhyay, Advocate, Allahabad High regarding regional EIA submitted by DAS (India) Private Limited.**

The committee discussed the matter and of view that the complainant, Mr. Amarjeet Singh Bedi and Mr. Amit Upadhyay may be asked to present their grievances before the joint meeting of SEAC and SEIAA and explain the issue in details. The consultant M/s DAS India Pvt. Ltd. should also be called in this meeting. The Secretariat shall decide the date of meeting (14 November, 2018) and inform all concerned immediately.

1. **Proposed Sand Mine, Village- Katri Jaleshar Alipur, Khand No.-02(Araji No.-03, Khand No.-02) Tehsil & District- Kannauj, Developed By M/s Adarsh Enterprises,(Leased Area-15 Ha) File No. 4302/Proposal No. SIA/UP/MIN/74842/2018**

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

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

2. **Sand Mining at Ganga River bed, Gata No-. 13Mi over an are of 5.3660 Ha. Village Manpur Ahatmali, Teshil Beeghapur Distt: Unnao., U.P. File No. 4151/Proposal No. SIA/UP/MIN/73652/2018**

**RESOLUTION AGAINST AGENDA NO-02**

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

3. **Proposed Riverbed Sand/Morrum Mining Project from Betwa River located 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 discussed the matter in 359<sup>th</sup> SEAC meeting dated 14/09/2018, wherein, the project proponent was directed to submit following information:

- 1- Form -1 uploaded was in the name of Satya Gupta but PAN and Aadhaar submitted was of Saurabh Gupta.
- 2- There was overwriting in geo coordinates on lease map.
- 3- Proponent authority letter was not submitted by the proponent.
- 4- Salient feature should be submitted with photo affidavit.
- 5- Workable, submerged and total area should be verified by DMO with geo coordinates and submitted along with EIA report.

The project proponent submitted their replies through letter dated 08/10/2018. A presentation was made by the project proponent along with their consultant M/s DAS India Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for Riverbed Sand/Morrum Mining Project from Betwa River at Khand No.-24/9, Village-Chikasi, Tehsil-Sarila, District-Hamirpur, U.P., (Sanctioned Lease Area-36.437 Ha.), M/s Satyam Constructions.
- 2- Salient features of the project as submitted by the project proponent:

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 Authorized Signatory - Shri Saurabh Gupta
4. Full correspondence address of proponent and mobile no.	M/s Satyam Construction Proprietor- Shri Saurabh Gupta S/o Shri Urmila Charan 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)	36.437 ha
13. Mineable Area (in ha)	36.437 ha

14. Zero level mRL	109 mRL		
15. Max. & Min mrl within lease area	118 mRL and 113 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	25°51'24.12"N	79°29'41.99"E
	B	25°51'28.61"N	79°29'59.75"E
	C	25°51'1.49"N	79°30'2.16"E
	D	25°50'58.27"N	79°29'51.06"E
17. Total Geological Reserves	18,21,850 m <sup>3</sup>		
18. Total Mineable Reserves in LOI	7,28,640 m <sup>3</sup> /year		
19. Total Proposed Production	7,28,640 m <sup>3</sup> /year (36,43,200 m <sup>3</sup> in 05 years)		
20. Proposed Production/year	7,28,640 m <sup>3</sup>		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2650 m <sup>3</sup> /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 52 labours		
27. No. Of vehicles movement/day	177 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metallad road from site	SH 21 (Rath- Orai Marg) : 7.0 km* (West)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	18.0	
	Plantation	0.09	
	Others (if any)	-	
	Total	15.10 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	Cluster certificate issued by DMO Hamirpur Letter No.817/khanij-M-M-C- Tees- Vividh (2018-19) dated 12/09/2018		
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.2,87,000/-		
37. Proposed EMP cost/ Total Project Cost	Rs 35,97,690/- & 1,43,59,000/-		
38. Length and Width of Haul Road	1500 m Length and 6 m width		
39. No. of Trees to be Planted	182		

- 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-03**

**The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.**

**4. Sand/Moram Mining at Ghaghra/Saryu River Bed at Gata No.- 830 mi, 831mi, 832mi, Village-Manjha Ajmeri Badshahpur, Tehsil-Tanda, District-Ambedkar Nagar, U.P. (Leased Area- 5.5 Ha.). File No. 4400/ Proposal No.SIA/UP/MIN/75851/2018**

The committee discussed the matter in 353<sup>rd</sup> SEAC meeting dated 29/08/2018, wherein, the project proponent was directed to submit following information:

1. Revised form-1 should be submitted.
2. Geo-coordinate of lease area, workable area and submerged area should be verified by DMO.
3. DSR does not match with LOI.
4. EMP cost should be revised based on actual expenditure.
5. Plan for occupational health should be submitted.
6. Base line data not available.
7. Requirement of water calculation should be submitted.
8. Page no. 3 of form-1 should be revised. It bears “the office content for sand moram mining has been obtained from the office of District Magistrate, Mahoba”. The name Mahoba should be deleted as the case pertains to District-Ambedkar Nagar.

The project proponent submitted their replies through letter dated 18/09/2018. A presentation was made by the project proponent along with their consultant M/s Globus Environment Engineering Service. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Sand/Moram Mining at Ghaghra/Saryu River Bed at Gata No.- 830 mi, 831mi, 832mi, Village-Manjha Ajmeri Badshahpur, Tehsil-Tanda, District-Ambedkar Nagar, U.P. (Leased Area- 5.5 Ha.).
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/75851/2018		
2. File no. allotted by SEIAA, UP	File No. 4400, Dated: 25/07/2018		
3. Name of Proponent	Shri Shiv Prasad Choudhary		
4. Full correspondence address of proponent and mobile no.	Shri Shiv Prasad Choudhary S/o- Shri Ramfer R/o- Village- Jaipurva, Post- Gandhi Nagar, District- Basti, Uttar Pradesh		
5. Name of Project	“Sand/ Moram Mining”		
6. Project location (Plot/Khasra/Gate No.)	Gata No. 830मि, 831मि & 832मि Village: Manjha Ajmeri Badshahpur, Tehsil: Tanda, District: Ambedkarnagar (U.P)		
7. Name of River	Ghaghra/Saryu River		
8. Name of Village	Manjha Ajmeri Badshahpur		
9. Tehsil	Tanda		
10. District	Ambedkarnagar, (U.P.)		
11. Name of Minor Mineral	River Bed Material (Sand/Morrum)		
12. Sanctioned Lease Area (in Ha.)	5.5 Ha		
13. Mineable Area (in Ha.)	4.74 Ha		
14. Safety Zone (in Ha.)	0.76 Ha		
15. Zero level mRL	78mRL		
16. Max. & Min mRL within lease area	Highest: 82.50 mRL & Lowest: 79.20 mRL		
17. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	A	26°33'17.09"N	82°44'46.13"E
	B	26°33'17.96"N	82°44'57.47"E
	C	26°33'23.96"N	82°44'57.49"E

	D	26°33'22.73"N	82°44'45.57"E
18. Total Geological Reserves	1,63,356 m <sup>3</sup>		
19. Total Mineable Reserves	1,01,194m <sup>3</sup>		
20. Total Proposed Production (in five year)	4,67,500m <sup>3</sup>		
21. Proposed Production/year in LOI	93,500m <sup>3</sup> /annum		
22. Sanctioned Period of Mine lease	5 Years		
23. Production of mine/day	374m <sup>3</sup> /day[561 T/day]		
24. Method of Mining	Opencast Semi-mechanized Method		
25. No. of Working days	250 Days		
26. Working hours/day	8 hours/day		
27. No. Of Workers	38 Manpower		
28. No. Of vehicles movement/day	56 Units (Assumed Loading Capacity: 10 Tonnes/Unit)		
29. Type of Land	State Government Land		
30. Ultimate Depth of Mining	2.0m		
31. Nearest metalled road from site	Rajesultanpur-Tanda Road, 3.0 km, SW		
32. Water Requirement	Surface	Purpose	Avg. Demand/Day
	Portable Tanker	Drinking @ 15lpcd/worker	38 x 15 = 570 lpcd
	Surface Water	Land reclamation/plantation @ 5 Lit/Tree	30 Trees (30x5) = 150 lpcd
		Dust suppression @ 2 Lit/Sq.m	Haul Road Area =(1200 m Length x 6mWidth=200m <sup>2</sup> ) = 14400 lpcd
	Total		15.15 KLD
33. Name of QCI Accredited Consultant with QCI No and period of validity.	Globus Environment Engineering Services, Certificate No. NABET/EIA/1821/IA0034, Valid Till April03/2021		
34. Any litigation pending against the project or hand in any court	No		
35. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO Ambedkar Nagar. Letter No. 469/खनन-अनुभाग/क्लस्टरप्रमाणपत्र/18-19, Dated 16.07.2018		
36. Details of Lease Area in approved DSR	Page No: 48, Table No: 20, Sr. No: 12		
37. Total Proposed Project Cost	Rs. 27.47 Lakhs		
38. Proposed CER cost	Rs. 1.37 Lakhs		
39. Proposed EMP cost	Rs. 3.75 Lakhs (Haulage Road repair, Dust Suppression & Plantation)		
40. Length and breadth of Haul Road	Haul Road Length 1.2 km &Haul Road Width 6 m		
41. No. of Trees to be Planted	150 Trees (in Five Year)		

- 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-04**

**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. 1.37 Lakh/year 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, Ambedkarnagar, 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.

**5. Proposed Riverbed Sand/Morrum Mining Project from Ken River of M/s Chaudhary Int Udyog located at Gata No. 04(Block-17), Village-Sadi Khadar, Tehsil- Pailani, District-Banda, Uttar Pradesh. Sanctioned Lease Area-13 Ha. File No. 4335/Proposal No. SIA/UP/MIN/27745/2018**

The committee discussed the matter in 358<sup>th</sup> SEAC meeting dated 13/09/2018, wherein, the project proponent was directed as follows:

“The committee noted that the signature in authority letter not verified by the project proponent/authorized authority, hence the committee directed to list the matter after submission of valid authorization letter.”

The project proponent submitted their replies through letter dated 05/10/2018. A presentation was made by the project proponent along with their consultant M/s DAS India Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for proposed River bed Sand/Morrum Mining Project from Ken River at Gata No.-04, (Block-17),Village-Sadi Khadar, Pailani, District- Banda, U.P., (Leased Area-13 Ha).
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/27745/2018		
2. File No. allotted by SEIAA, UP	4335		
3. Name of Proponent	M/s Chaudhary Int Udyog Proprietor - Shri Balkrishan Sharma		
4. Full correspondence address of proponent and mobile no.	M/s Chaudhary Int Udyog Proprietor- Shri Balkrishan Sharma S/o Shri Ramjilal Sharma R/o Village - Badfara Road Ambah, Tehsil - Ambah, District - Muraina, M.P.		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 04 (Block No. 17)		
7. Name of River	Ken River		
8. Name of Village	Sadi Khadar		
9. Tehsil	Pailani		
10. District	Banda		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	13.0 ha		
13. Mineable Area (in ha)	13.0 ha		
14. Zero level mRL	87 mRL		
15. Max. & Min mrl within lease area	96 mRL and 93 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		

	A	25°42'24.68"N	80°20'14.09"E
	B	25°42'28.44"N	80°20'16.25"E
	C	25°42'5.99"N	80°20'44.62"E
	D	25°42'3.83"N	80°20'37.78"E
17. Total Geological Reserves	6,50,000 m <sup>3</sup>		
18. Total Mineable Reserves in LOI	2,60,000 m <sup>3</sup> /year		
19. Total Proposed Production as per Form-1, PFR, Mine Plan and presentation at SEAC	2,60,000 m <sup>3</sup> /year (13,00,000 m <sup>3</sup> in 05 years)		
20. Proposed Production/year	2,60,000 m <sup>3</sup>		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	945.45 m <sup>3</sup> /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 52 labours		
27. No. Of vehicles movement/day	105 units		
28. Type of Land	Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR(Pailani – Sumerpur Marg) : 6.5 km* (SE)		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.52
	Suppression of dust		7.98
	Plantation		0.03
	Others (if any)		-
	Total		8.53 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	Cluster Certificate is issued by Mines Officer, Banda Letter No. 1263/Khanij-30, Banda dated 07.06.2018.		
35. Details of Lease Area in approved DSR	Page No 65; Table No. 22		
36. Proposed CSR cost	5% of total project cost i.e. Rs 7,02,000/-		
37. Proposed EMP cost & Total Project Cost	Rs. 30,36,675/- & Rs. 1,40,56,000/-		
38. Length and Width of Haul Road	1330 m Length and 6 m width		
39. No. of Trees to be Planted	65		

- 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 in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.**



**6. Proposed Riverbed Sand/Morrum Project from Ken River located at Gata No. 165, 166 and 174, Block No. 20 (Area 14.0 Ha) located at Village padohra Khadar, Tehsil Pailane, & District Banda, Uttar Pradesh. File No. 4428/Proposal No.SIA/UP/MIN/76021/2018**

The committee discussed the matter in 357<sup>th</sup> SEAC meeting dated 12/09/2018, wherein, the project proponent was directed to submit following information:

1. Recalculate area & volume as per SSMG 2016.
2. Geo coordinates of submerged, workable and total area of the project.
3. Revise CER & EMP.
4. Revised form-1 & form-2.
5. One meter interval contour map to be provided including zero level.
6. Revised water calculation for sprinkling on haul road.

The project proponent submitted their replies through letter dated 05/10/2018. A presentation was made by the project proponent along with their consultant M/s Environmental Research and Analysis. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for River bed Sand/Morrum Project from Ken River at Gata No. 165, 166 and 174, Block No. 20, Village-Padohra Khadar, Tehsil Pailane, & District Banda, Uttar Pradesh, (Leased area-14.0 ha).
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/76037/2018		
2. File No. allotted by SEIAA, U.P	4428		
3. Name of Proponent	M/s Bashudev Amar Ujala Sh. Bashudev Sharma S/O Sh. Kanhaiyalal Sharma		
4. Full correspondence address of proponent and mobile no.	R/O- Surajpura, Nakholi Atar District- Bhind, (Madhya Pradesh)		
5. Name of Project	Mining of Minor Mineral		
6. Project location (Plot / Khasra / Gata No.)	Gata No. 165, 166 & 174 (Block No. 20)		
7. Name of River	Ken River		
8. Name of Village	Padohra Khadar		
9. Tehsil	Pailani		
10. District	Banda, Uttar Pradesh		
11. Name of Minor Mineral	Sand / Morrum		
12. Sanctioned Lease Area (in Ha.)	14.0 Ha.		
13. Mineable Area (in Ha.)	14.0 Ha.		
14. Zero level mRL	85.0mRL		
15. Max. & Min mRL within lease area	Highest level of area is 90.80mRL towards NE direction and lowest level is 86.70mRL towards SW direction		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
	A	25°44'55.60"N	80°24'38.44"E
	B	25°44'56.70"N	80°24'36.48"E
	C	25°44'19.28"N	80°23'50.03"E
	D	25°44'18.53"N	80°23'50.37"E
	E	25° 44.334'N	80° 23.866'E
	F	25° 44.329'N	80° 23.873'E

	G	25° 44.343'N	80° 23.907'E
	H	25° 44.336'N	80° 23.915'E
	I	25° 44.357'N	80° 23.959'E
	J	25° 44.367'N	80° 23.952'E
	K	25° 44.369'N	80° 23.964'E
	L	25° 44.365'N	80° 23.966'E
	M	25° 44.405'N	80° 24.046'E
	N	25° 44.411'N	80° 24.044'E
	O	25° 44.474'N	80° 24.151'E
	P	25° 44.479'N	80° 24.148'E
	Q	25° 44.535'N	80° 24.229'E
	R	25° 44.542'N	80° 24.227'E
	S	25° 44.551'N	80° 24.241'E
	T	25° 44.542'N	80° 24.248'E
	U	25° 44.584'N	80° 24.299'E
	V	25° 44.593'N	80° 24.296'E
	W	25° 44.602'N	80° 24.309'E
	X	25° 44.599'N	80° 24.318'E
	Y	25° 44.625'N	80° 24.349'E
	Z	25° 44.636'N	80° 24.343'E
	A'	25° 44.696'N	80° 24.408'E
	B'	25° 44.695'N	80° 24.415'E
	C'	25° 44.790'N	80° 24.481'E
	D'	25° 44.791'N	80° 24.489'E
	E'	25° 44.803'N	80° 24.498'E
	F'	25° 44.803'N	80° 24.505'E
	G'	25° 44.826'N	80° 24.522'E
	H'	25° 44.847'N	80° 24.527'E
	I'	25° 44.846'N	80° 24.543'E
	O''	25° 44.854'N	80° 24.538'E
	J'	25° 44.883'N	80° 24.555'E
	K'	25° 44.886'N	80° 24.550'E
	L'	25° 44.898'N	80° 24.565'E
	M'	25° 44.904'N	80° 24.560'E
	N'	25° 44.929'N	80° 24.585'E
	O'	25° 44.924'N	80° 24.596'E
17. Total Geological Reserves		507942 m <sup>3</sup>	
18. Total Mineable Reserves in LOI		2,80,000 m <sup>3</sup> / Year	
19. Total Proposed Production(in five year)		14,00,000 m <sup>3</sup>	

20. Proposed Production/year	2,80,000 m <sup>3</sup> / Year	
21. Sanctioned Period of Mine lease	5 Year	
22. Production of mine/day	1120 m <sup>3</sup> /day	
23. Method of Mining	Opencast, Semi-Mechanized	
24. No. of working days	250	
25. Working hours/day	8 hours	
26. No. Of workers	Approximately 58 workers per day	
27. No. Of vehicles movement/day	Approximately 50-60 movements per day. (Vehicles such as Truck dumper/tipper, Tractor Trolleys, etc. will be in use)	
28. Type of Land	Sand / Morrum	
29. Ultimate Depth of Mining	2.0 meter	
30. Nearest metaled road from site	NH-232 at 10.0km towards East direction	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.68 KLD
	Suppression of dust	6.84 KLD
	Plantation	0.50 KLD
	Others (if any)	-
	Total	8.02 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Environmental Research and Analysis, Lucknow (U.P.) and validity 29/12/2019	
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. 1529 /Khanij -30 dated. 19-06-2018	
35. Details of Lease Area in approved DSR	Page No. 65 Table No.2 (Amended Letter) शुद्धि पत्र पत्रांक- 07/पर्या0 सचि0 बाँदा दिनांक: 17/ 08/2018	
36. Proposed CER cost	5605600 (2% of the project cost) Total Project cost -28,02,80,000	
37. Proposed EMP cost/ Total Project cost	Proposed EMP cost- 6,80,980 Total Project cost -28,02,80,000	
38. Length and breadth of Haul Road	570 m long and 6 m wide (approximately)	
39. No. of Trees to be Planted	84 plants (in plan period)	

- 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-06**

**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. 56,05,600/- 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.

**7. Proposed Sand/Morrum Mining Project at Ganga River Bed located at Khand No.- 1, Gata No.- 1 of Area- 9.879 Ha (24.41 Acres), Village- Uchagaon Khadar, Tehsil- Dibai, District-Bulandshahar, Uttar Pradesh. Sanctioned Lease Area-9.879 Ha. File No. 4374/Proposal No.SIA/UP/MIN/27950/2018**

The committee discussed the matter in 350<sup>th</sup> SEAC meeting dated 18/07/2018, wherein, the project proponent was directed to submit following information:

- 1- Contour map at 01 m interval should be provided.
- 2- Composite/ khasra map verified by DMO should be provided.
- 3- Water quantity for dust suppression should be recalculated.
- 4- Geo coordinate of submerged, workable & total area, duly verified by DMO, to be provided (only Geo-coordinate of total area is verified by DMO).
- 5- The location of haul road should be reexamined.
- 6- There should be minimum 03 numbers of surface water sampling points.

The project proponent submitted their replies through letter dated 18/09/2018. A presentation was made by the project proponent along with their consultant M/s Globus Environment Engineering services. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for proposed River Bed Sand/Morrum Mining Project on Ganga River at Khand No.- 1, Gata No.-1, Village-Uchagaon Khadar, Tehsil- Dibai, District-Bulandshahar, U.P, (Leased Area-9.879 Ha).
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/27950/2018		
2. File no. allotted by SEIAA, UP	4374		
3. Name of Proponent	Shri. Girish Chandra		
4. Full correspondence address of proponent and mobile no.	S/O- Shri Maharaj Singh R/O- Lucky Compound, Devsaini Ramghat Road, Quaris Koil District- Aligarh, Uttar Pradesh		
5. Name of Project	"Sand/ Morrum Mining"		
6. Project location (Plot/Khasra/Gate No.)	Khand No.: 1 Gata No: 1		
7. Name of River	Ganga River		
8. Name of Village	Uchagaon Khadar		
9. Tehsil	Dibai		
10. District	Bulandshahr		
11. Name of Minor Mineral	River Bed Material (Sand/Morrum)		
12. Sanctioned Lease Area (in Ha.)	9.897 Ha		
13. Mineable Area (in Ha.)	5.12 Ha		
14. Zero level mRL	175.0 mRL		
15. Max. & Min mrl within lease area	Highest: 179.80mRL & Lowest: 175mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	A	28°7'7.53"N	78°28'0.32"E
	B	28°7'13.41"N	78°28'4.12"E
	C	28°7'4.92"N	78°28'18.42"E
	D	28°6'58.99"N	78°28'14.26"E
17. Total Geological Reserves	3,81,305 m <sup>3</sup>		
18. Total Mineable Reserves in LOI	98,790 m <sup>3</sup> / annum		

19. Total Proposed Production (in five year)	4,93,950m <sup>3</sup>	
20. Proposed Production/year	98,790m <sup>3</sup> / annum	
21. Sanctioned Period of Mine lease	5 Years	
22. Production of mine/day	395m <sup>3</sup> /day	
23. Method of Mining	Opencast Semi-mechanized Method	
24. No. of Working days	250 Days	
25. Working hours/day	12 hours/day	
26. No. Of Workers	40 Manpower	
27. No. Of vehicles movement/day	59Units (Assumed Loading Capacity: 10 Tonnes/Unit)	
28. Type of Land	State Government Land	
29. Ultimate Depth of Mining	2.5m	
30. Nearest metalled road from site	Ramghat Road,7 km, NW	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	2.0
	Suppression of dust	3.0
	Plantation/Land reclamation	2.2
	Others (if any)	0.3
	Total	7.5 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Valid Till April 03/2021	
33. Any litigation pending against the project or hand in any court	No	
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section),Bulandshahr.Letter No.142, dated 27-04-2018	
35. Details of Lease Area in approved DSR	Page No. 49, Table No. 18, Sr. No. 1	
36. Proposed CER cost	Rs. 2.67 Lakhs per annum	
37. Proposed EMP cost	Rs. 27 Lakhs	
38. Length and breadth of Haul Road	Haul Road Length 2.2 km & Haul Road Width 6 m	
39. No. of Trees to be Planted	50 Trees per Year	

- 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 in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.**

**8. Proposed Sand/Morrum Mining Project at Ganga River Bed located at Khand No.- 1, Gata No.- 2/1 of Area- 7.4 Ha (18.278 Acres), Village- Uchagaon Khadar, Tehsil- Dibai, District-Bulandshahar, Uttar Pradesh. Sanctioned Lease Area-7.4 Ha. File No. 4373/Proposal No. SIA/UP/MIN/27944/2018**

The committee discussed the matter in 350<sup>th</sup> SEAC meeting dated 18/07/2018, wherein, the project proponent was directed to submit following information:

- 1- Contour map at 01 m interval should be provided.
- 2- Composite/ khasra map verified by DMO should be provided.
- 3- Water quantity for dust suppression should be recalculated.
- 4- Geo coordinate of submerged, workable & total area, duly verified by DMO, to be provided (only Geo-coordinate of total area is verified by DMO).
- 5- The location of haul road should be reexamined.
- 6- There should be minimum 03 numbers of surface water sampling points.
- 7- Gata no. (2/1) should be provided in khand-1.

The project proponent submitted their replies through letter dated 18/09/2018. A presentation was made by the project proponent along with their consultant M/s Globus Environment Engineering services. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining project at Ganga river at Khand No.- 1, Gata No.-2/1 Village-Uchagaon Khadar, Tehsil- Dibai, District-Bulandshahar, U.P. (Leased Area-7.4 Ha).
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/27944/2018		
2. File no. allotted by SEIAA, UP	4373		
3. Name of Proponent	Shri. Daya Shankar Dixit		
4. Full correspondence address of proponent and mobile no.	S/O- Shri Bhimsain Sharma R/O- H.I.G- 34, A.D.A Colony, Ramghat Road, District- Aligarh.		
5. Name of Project	"Sand/ Morrum Mining"		
6. Project location (Plot/Khasra/Gate No.)	Khand No.: 1 Gata No: 2/1		
7. Name of River	Ganga River		
8. Name of Village	Uchagaon Khadar		
9. Tehsil	Dibai		
10. District	Bulandshahr		
11. Name of Minor Mineral	River Bed Material (Sand/Morrum)		
12. Sanctioned Lease Area (in Ha.)	7.4 Ha		
13. a. Mineable Area (in Ha.)	6.03 Ha		
b. Submerged Area	0.78 Ha		
c. Safety Zone	0.59 Ha		
14. Zero level mRL	174.0 mRL		
15. Max. & Min mrl within lease area	Highest: 178.90mRL & Lowest: 174mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Pillars	Latitude	Longitude
	A	28°7'2.19"N	78°27'55.97"E
	B	28°7'8.03"N	78°27'59.02"E
	C	28°7'0.57"N	78°28'11.31"E
	D	28°6'55.65"N	78°28'7.62"E
	Workable Area		
	A	28°7'2.19"N	78°27'55.97"E
	B'	28°7'6.05"N	78°28'2.41"E
	C	28°7'0.57"N	78°28'11.31"E

	D	28°6'55.65"N	78°28'7.62"E
	Submerged Area		
	A	28°7'2.19"N	78°27'55.97"E
	B	28°7'8.03"N	78°27'59.02"E
	B'	28°7'6.05"N	78°28'2.41"E
17. Total Geological Reserves	3,17,320 m <sup>3</sup>		
18. Total Mineable Reserves in LOI	74,000 m <sup>3</sup> / annum		
19. Total Proposed Production (in five year)	3,70,000 m <sup>3</sup>		
20. Proposed Production/year	74,000m <sup>3</sup> / annum		
21. Sanctioned Period of Mine lease	5 Years		
22. Production of mine/day	296 m <sup>3</sup> /day		
23. Method of Mining	Opencast Semi-mechanized Method		
24. No. of Working days	250 Days		
25. Working hours/day	8 hours/day		
26. No. Of Workers	48 Manpower		
27. No. Of vehicles movement/day	45 Units (Assumed Loading Capacity: 10 Tonnes/Unit)		
28. Type of Land	State Government Land		
29. Ultimate Depth of Mining	2.5m		
30. Nearest metalled road from site	Ramghat Road, 6.5 km, NW		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.72	
	Suppression of dust	27.60	
	Plantation/ Land reclamation	0.17	
	Total	28.5 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Valid Till April 03/2021		
33. Any litigation pending against the project or hand in any court	No		
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section), Bulandshahr. Letter No. 143, dated 27-04-2018		
35. Details of Lease Area in approved DSR	Page No. 49, Table No. 18, Sr. No. 4		
36 Proposed project cost	Rs. 50.38 lakhs		
37. Proposed CER cost (@ 5% of the total project cost)	Rs. 2.52 Lakhs		
38. Proposed EMP cost	Rs. 27 Lakhs		
39. Length and breadth of Haul Road	Haul Road Length 2.3 km & Haul Road Width 6 m		
40. No. of Trees to be Planted	35 Trees per Year		

- 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-08**

**The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.**



**9. Proposed Moram Mining Project at Yamuna River bed at 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 Area-40.48, Ha (100.03 Acres) Village - Adhawal, Tehsil & District - Fatepur, U.P., M/s Bansidhar Construction Pvt. Ltd. File No. 4357/Proposal No. SIA/UP/MIN/27815/2018**

The committee discussed the matter in 349<sup>th</sup> SEAC meeting dated 17/07/2018, wherein, the project proponent was directed to submit following information:

- 1- Leased map and Geo-coordinates verified by DMO should be submitted.
- 2- Corrigendum letter of LOI should be issued by the District Magistrate.
- 3- Photographs with time, date and Geo-coordinates should be submitted.
- 4- Cluster certificate should be submitted in prescribed format.

The project proponent submitted their replies through letter dated 06/10/2018. A presentation was made by the project proponent along with their consultant M/s Globus Environment Engineering services. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for proposed Moram Mining Project at Yamuna River bed at 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, Village - Adhawal, Tehsil & District - Fatepur, U.P., (Leased Area-40.48, Ha), M/s Bansidhar Construction Pvt. Ltd.
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/27815/2018		
2. File no. allotted by SEIAA, UP	F.No.- 4357, Dated 29.06.2018		
3. Name of Proponent	M/s. Bansidhar Construction Pvt. Ltd. Shri Ram Prasad Rai (Director)		
4. Full correspondence address of proponent and mobile no.	R/o- Koilwar, District – Bhojpur (Bihar)		
5. Name of Project	“Sand/ Morrum Mining”		
6. Project location (Plot/Khasra/Gate No.)	Khand No.: A-10 & Gata No: 302,301, 296, 297, 286 मि, 271 मि, 287, 270 मि, 269 मि, 260मि, 259, 258 मि, 255, 254, 253, 291, 252, 251, 292, 290, 289, 288, 287, 294, & 293		
7. Name of River	Yamuna River		
8. Name of Village	Adhawal		
9. Tehsil	Fatehpur		
10. District	Fatehpur		
11. Name of Minor Mineral	River Bed Material (Sand/Morum)		
12. Sanctioned Lease Area (in Ha.)	40.48 Ha		
13. Mineable Area (in Ha.)	38.58 Ha		
14. Zero level mRL	88mRL		
15. Max. & Min mrl within lease area	Highest: 93.60mRL & Lowest: 88.0mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	A	25°49.787' N	80°28.921' E
	B	25°49.808' N	80°29.057' E
	C	25°49.823' N	80°29.056' E
	D	25°49.832' N	80°29.237' E
	E	25°50.154' N	80°29.209' E
	F	25°50.173' N	80°28.815' E
17. Total Geological Reserves	12,14, 075m <sup>3</sup>		
18. Total Mineable Reserves in LOI	8,09,600 m <sup>3</sup> / annum		

19. Total Proposed Production (in five year)	40,48,400 m <sup>3</sup>		
20. Proposed Production/year	8,09,600m <sup>3</sup> / annum		
21. Sanctioned Period of Mine lease	5 Years		
22. Production of mine/day	3238 m <sup>3</sup> /day		
23. Method of Mining	Opencast Semi-mechanized Method		
24. No. of Working days	250 Days		
25. Working hours/day	8 hours/day		
26. No. Of Workers	121 Manpower		
27. No. Of vehicles movement/day	583 Units (Assumed Loading Capacity: 10 Tonnes/Unit)		
28. Type of Land	State Government Land		
29. Ultimate Depth of Mining	2.1m		
30. Nearest metalled road from site	Madauli Road,8.2 km, SE		
31. Water Requirement	Source	Purpose	Avg. Demand/ Day
	Portable Tanker	Drinking @ 15 lpcd/worker	1.89 KLD
	Surface Water	Land reclamation/plantation @ 5 Lit/Tree	1 KLD
		Dust suppression @ 2 Lit/Sq.m (Haulage Road Area = 1200m Length x 6m Width = 7200 m <sup>2</sup> )	14.4 KLD
	Total		17.2 KLD
32. Name of QCI Accredited Consultant with QCI No and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Valid Till April 03/2021		
33. Any litigation pending against the project or hand in any court	No		
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Cluster certificate issued by DMO (Mining Section), Fatehpur. Letter No. 57 /30- Khanij (2017-18), dated 02-08-2018		
35. Details of Lease Area in approved DSR	Page No. 47, Table No. 21, Sr. No. 10		
36.Proposed Project cost	Rs. 1.92 crores (192 Lakhs)		
37. Proposed CER cost (@ 2% of the total project cost)	Rs. 3.9 Lakhs per annum		
38. Proposed EMP cost	Rs. 20 Lakhs		
39. Length and breadth of Haul Road	Haul Road Length 1.2 km & Haul Road Width 6 m		
40. No. of Trees to be Planted	200 Trees per Year		

- 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-09**

**The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.**

**10. Proposed Riverbed Sand/Morrum Mining Project from Ken River of M/s K.K. Associates located at Khand No.-10/27 to10/28 , Village- Kataaiya, Tehsil- Chail, District-Kaushambi, Uttar Pradesh. Sanctioned Lease Area-24.28 Ha. File No. 4385/Proposal No. SIA/UP/MIN/27811/2018**

The committee discussed the matter in 353<sup>rd</sup> SEAC meeting dated 29/08/2018, wherein, the project proponent was directed to submit following information:

1. Revised cluster certificate in new format should be submitted during the EIA presentation.
2. Geo-coordinate verified by DMO does not match with form-1.
3. Revised form-1 should be submitted.

The project proponent submitted their replies through letter dated 07/09/2018. A presentation was made by the project proponent along with their consultant M/s ENV Development Assistance Systems (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for River bed Sand/Morrum Mining Project from Ken River at Khand No.-10/27 to10/28, Village- Kataiya, Tehsil- Chail, District-Kaushambi, U.P. (Leased Area-24.28 Ha.) M/s K.K. Associates.
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/27811/2018		
2. File No. allotted by SEIAA, UP	4385		
3. Name of Proponent	M/ s K. K. Associates Proprietor- Smt. Kalpana Karwariya		
4. Full correspondence address of proponent and mobile no.	M/ s K. K. Associates Proprietor- Smt. Kalpana Karwariya W/o Shri Kapil Muni Karwariya R/H.No. 1203, Ahiyapur, Malviya Nagar, Tehsil - Sadar , District - Allahabad, U.P.		
5. Name of Project	Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 10/27 to10/28		
7. Name of River	Yamuna		
8. Name of Village	Kataiya		
9. Tehsil	Chail		
10. District	Kaushambi		
11. Name of Minor Mineral	Morrum		
12. Sanctioned Lease Area (in ha)	24.28 ha		
13. Mineable Area (in ha)	24.28 ha		
14. Zero level mRL	75mRL		
15. Max. & Min mrl within lease area	83 mRL and 78 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°16'31.86"N	81°29'37.92"E
	B	25°16'3.30"N	81°29'39.06"E
	C	25°16'3.18"N	81°29'28.74"E
	D	25°16'30.90"N	81°29'28.26"E
17. Total Geological Reserves	12,14,000 m <sup>3</sup>		
18. Total Mineable Reserves in LOI	3,60,000 m <sup>3</sup> /year		
19. Total Proposed Production as per	3,60,000 m <sup>3</sup> /year (18,00,000 m <sup>3</sup> in 05 years)		

Form-1, PFR, Mine Plan and presentation at SEAC		
20. Proposed Production/year	3,60,000 m <sup>3</sup>	
21. Sanctioned Period of Mine lease	5 years	
22. Production of mine/day	1309 m <sup>3</sup> /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 52 labours	
27. No. Of vehicles movement/day	87 units	
28. Type of Land	Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	MDR (Newada Road): 5.60 km*(NW)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.52
	Suppression of dust	7.8
	Plantation	0.12
	Others (if any)	-
	Total	8.44 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	Letter No. 579/ Khanan/ Sahayak Kau. dated 20.06.2018	
35. Details of Lease Area in approved DSR	Page No 09; Table No. 03	
36. Proposed CSR cost	5% of total project cost i.e. Rs. 7,10,000/-	
37. Proposed EMP cost & Total Project Cost	Rs. 33,05,195/- & Rs. 1,42,01,000/-	
38. Length and Width of Haul Road	1000 m Length and 6 m width	
39. No. of Trees to be Planted	121	

- 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-10**

**The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-3 to these minutes.**

**11. Proposed Ordinary Sand Mining Project of M/s Mallikarjun Associates, Authorised Signatory- Sumant Gupta (Total lease Area- 21.00 Ha), Gata No.- 876 Kha, 886 Ka, 1481, 1482, 1505, 2031, 2039, 2047, 2247, 2270, 2521, 2522, 2538, 2541 Kha, 2577, 2599, 2676,(Block No.- 36), Village- Mahuta, Tehsil- Attra, District- Banda, U.P.,(Leased Area- 21.00 ha). File No. 4454/Proposal No. SIA/UP/MIN/76722/2018**

The committee discussed the matter in 358<sup>th</sup> SEAC meeting dated 13/09/2018, wherein, the project proponent was directed to submit following information:

1. Recalculate the area & volume as per SSMG, 2016 including total area, workable area and submerged area alongwith geo-coordinate verified by DMO.
2. Revised haul road transportation plan.
3. Mismatch in DSR & gata no. Revised DSR should be submitted.
4. Provide secondary source baseline environmental data.
5. Total length and average width of lease portion of the river, in which one to nine blocks are made (area in ha) should be clarified.
6. Whether the lease area in compact and contiguous or it is in cluster should be clarified.

The project proponent submitted their replies through letter dated 07/10/2018. 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 Proposed Ordinary Sand Mining Project at Gata No.- 876 Kha, 886 Ka, 1481, 1482, 1505, 2031, 2039, 2047, 2247, 2270, 2521, 2522, 2538, 2541 Kha, 2577, 2599, 2676,(Block No.- 36), Village- Mahuta, Tehsil- Attra, District- Banda, U.P.,(Leased Area- 21.00 ha), M/s Mallikarjun Associates.
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/76722/2018		
2. File No. allotted by SEIAA, UP	4454		
3. Name of Proponent	M/S Mallikarjun Associates Authorised Signatory: Mr. Sumant Gupta		
4. Full correspondence address of proponent and mobile no.	14, Near Petrol Pump, Gandhi Nagar, Mahoba – U.P. – 201427		
5. Name of Project	Mahuta (Area 20 ha) sand/morrum mine on Bagein River		
6. Project location (Plot/Khasra/Gata No.)	Village – Mahuta, Tehsil – Attra, District – Banda, State – Uttar Pradesh		
7. Name of River	Bagein River		
8. Name of Village	Mahuta		
9. Tehsil	Attra		
10. District	Banda		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	21 Hectares		
13. Mineable Area (in Ha.)	21 Hectares		
14. Zero level mRL	117 mRL (Towards West) 114.5 mRL (Towards East)		
15. Max. & Min mrl within lease area	121 mRL and 117 mRL		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	Block 1		
	A	25°13'16.61"N	80°37'42.51"E
	B	25°13'13.53"N	80°37'45.41"E
	C	25°13'14.36"N	80°37'40.27"E

	Block 2		
	D	25°13'12.29"N	80°37'43.48"E
	E	25°13'11.71"N	80°37'42.96"E
	F	25°13'14.85"N	80°37'29.74"E
	G	25°13'9.75"N	80°37'26.94"E
	H	25°13'10.29"N	80°37'25.63"E
	I	25°13'16.35"N	80°37'29.09"E
	Block 3		
	J	25°13'12.40"N	80°37'25.08"E
	K	25°13'8.53"N	80°37'25.34"E
	L	25°13'10.13"N	80°37'24.24"E
	Block 4		
	M	25°13'3.12"N	80°37'8.89"E
	N	25°13'2.20"N	80°37'8.67"E
	O	25°12'59.15"N	80°37'0.74"E
	P	25°12'35.60"N	80°37'10.35"E
	Q	25°12'32.00"N	80°37'8.27"E
	R	25°12'32.40"N	80°37'7.69"E
	S	25°12'46.26"N	80°37'4.12"E
	T	25°12'56.82"N	80°36'56.41"E
	Block 5		
	U	25°12'41.35"N	80°37'5.17"E
	V	25°12'41.66"N	80°37'5.95"E
	W	25°12'32.99"N	80°37'7.12"E
	X	25°12'33.39"N	80°36'59.34"E
	Block 6		
	Y	25°12'35.39"N	80°36'46.26"E
	Z	25°12'38.57"N	80°36'33.57"E
	AA	25°12'33.36"N	80°36'21.22"E
	AB	25°12'41.35"N	80°36'30.07"E
	Block 7		
	AC	25°12'33.27"N	80°36'18.53"E
	AD	25°12'29.85"N	80°36'18.95"E
	AE	25°12'28.01"N	80°36'11.95"E
	Block 8		
	AF	25°12'26.19"N	80°36'13.01"E
	AG	25°12'21.64"N	80°35'58.34"E
	AH	25°12'23.70"N	80°36'0.36"E
	Block 9		
	AI	25°12'32.51"N	80°36'2.77"E
	AJ	25°12'29.34"N	80°36'4.32"E
	AK	25°12'26.82"N	80°36'4.33"E
	AL	25°12'24.53"N	80°35'59.51"E
	AM	25°12'25.03"N	80°35'57.76"E
	AN	25°12'28.15"N	80°35'59.56"E
	AO	25°12'30.41"N	80°36'0.09"E
	AP	25°12'30.08"N	80°36'1.10"E
	AQ	25°12'31.71"N	80°36'2.19"E
	AR	25°12'32.06"N	80°36'1.66"E
17. Total Geological Reserves	6,30,000 m <sup>3</sup>		
18. Total Mineable Reserves in LOI	2,10,000 m <sup>3</sup>		
19. Total Proposed Production	10,50,000m <sup>3</sup>		
20. Proposed Production/year	2,10,000 m <sup>3</sup> /Year		

21. Sanctioned Period of Mine lease	5 Years	
22. Production of mine/day	840 m <sup>3</sup> /Day	
23. Method of Mining	Opencast Semi-mechanized mining	
24. No. of working days	250 days/ Year	
25. Working hours/day	12 Hours	
26. No. Of workers	62	
27. No. Of vehicles movement/day	94	
28. Type of Land	Govt. Land	
29. Ultimate Depth of Mining	1.5 m	
30. Nearest metalled road from site	1895 m	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.62
	Suppression of dust	9.10
	Plantation	20.27
	Others (if any)	0.00
	Total	29.99
32. Name of QCI Accredited Consultant with QCI No and period of validity.	GreenIndia 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	1139/Khanij-30, Banda, Dated: 29 <sup>rd</sup> May, 2018	
35. Details of Lease Area in approved DSR	21 Hectares	
36. Length and breadth of Haul Road	Length 1895 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-11**

**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. 2.12 Lakh/year 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.

**12. River Sand/Bajari/Boulder Mining Project at Khand No./Gata No.-03, Lot No.-03, Village- Rehna, Tehsil- Behat, District- Saharanpur, U.P. (Leased Area – 8.05 Ha). File No. 4294/Proposal No.SIA/UP/MIN/74910/2018**

The committee discussed the matter in 342<sup>nd</sup> SEAC meeting dated 30/05/2018, wherein, the project proponent did not appear in the meeting. The project proponent through letter dated 11/09/2018 has requested to list the matter in upcoming SEAC meeting. The matter listed on SEAC meeting dated 23/10/2018. A presentation was made by the project proponent along with their consultant M/s Ind Tech Houses Consult. The proponent, through the documents submitted and the presentation made, informed the committee that:-



- 1- The environmental clearance is sought for River Sand/Bajari/Boulder Mining Project at Khand No./Gata No.-03, Lot No.-03, Village- Rehna, Tehsil- Behat, District- Saharanpur, U.P. (Leased Area – 8.05 Ha).

- 2- Salient features of the project as submitted by the project proponent:

2. Current features of the project as submitted by the project proponent.				
1. On-line proposal No.	SIA/UP/MIN/ 74910/2018			
2. File No. allotted by SEIAA, UP	4294			
3. Name of Proponent	Shri Rahul Panwar			
4. Full correspondence address of proponent and mobile no.	R/O- House No.15-16 Sectpr-15 Urban State District Sonipat Haryana			
5. Name of Project	Total Area 19.88 Acres (8.05Ha)River Sand/Bajari /Boulder Mining Project at Khand No./Gata No-03 Lot No.03 Village-Rehna, Tehsil-Behat District-Saharanpur U.P.			
6. Project Location(Plot.Khsra/Gata No.)	Khand No/Gata -03 Lot No-03			
7. Name of River	Yamuna River			
8. Name of Village	Rehna			
9. Tehsil	Behat			
10. District	Saharanpur			
11. Name of Minor Mineral	Sand/Bajari/Boulder			
12. Sanctioned Lease Area (in Ha.)	8.05 Ha			
13. Mineable Area (in Ha.)	7.21 Ha			
14. Zero level mRL	338.0mRL			
15. Max. & Min mRL within lease area	345.0 mRL in NE & 341.0mRL in SW			
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude	
	A	30°21'09.12"N	77°35'45.19" N	
	B	30°21'04.63"N	77°35'51.21" N	
	C	30°20'54.18"N	77°35'49.39" N	
	D	30°20'58.19"N	77°35'40.23" N	
17. Total Geological Reserves	2,41,500 m <sup>3</sup> /Annum			
18. Total Mineable Reserve in LOI	1,38,462m <sup>3</sup> /Annum			
19. Total Proposed Production	1,38,462m <sup>3</sup> /Annum			
20. Proposed Production /year	1,38,462m <sup>3</sup> /Annum			
21. Proposed Production in 5 Years	Year	Production		
	1 <sup>st</sup>	1,38,462m <sup>3</sup> /Annum		
	2 <sup>nd</sup>	1,38,462m <sup>3</sup> /Annum		
	3 <sup>rd</sup>	1,38,462m <sup>3</sup> /Annum		
	4 <sup>th</sup>	1,38,462m <sup>3</sup> /Annum		
	5 <sup>th</sup>	1,38,462m <sup>3</sup> /Annum		
	Total	6,92,310m <sup>3</sup>		
22. Sanctioned Period of Mine lease	5 Years			
23. Production of mine/day	615 m <sup>3</sup> /Day			
24. Method of Mining	Open cast Manual / Semi Mechanized Mining Method /Bar Scalping or Skimming Method (as per IBM Rules & SSMMG, 2016 MoEF & CC ,GOI)			
25. No. of working days	225 Days			
26. Working hours/day	8 Hours			
27. No. of worker	45 Worker			
28. No. of vehicles movement/day	68 Trucks / Day			
29. Type of Land	River Bed (Govt. Land)			
30. Ultimate of Depth of Mining	2.0 m			
31. Nearest metalled road from site	0.5 Km			
32. Water Requirement	PURPOSE		REQUIREMENT (KLD)	

	Drinking	0.45 KLD
	Suppression of dust	12.0 KLD
	Plantation	0.85 KLD
	Others (if any)	
	Total	13.30 KLD
33. Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.87 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 Map & Certificate verified by Mining Officer	515/Khanij/2018-19 Dated-07/4/2018	
36. Details of Lease Area in approved DSR	Given Table on Page No-11 At Sr. No. 01	
37. Proposed CER cost	1.20 Lac	
38. Proposed EMP cost	13.89 Lac	
39. Length and breadth of Haul Road	1000. 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-12**

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-4 to these minutes regarding Sand, Gitti, Patthar & Boulder mining project.

### **13. River Sand/Bajari/Boulder Mining Project at Khand No./Gata No.-1/1/1, Lot No.-38, Village- Nuniyari Atetmaal, Tehsil- Behat, District- Saharanpur, U.P., (Leased Area – 24-29 Ha), M/s Bajaad Contractor. File No. 4293/Proposal No. SIA/UP/MIN/74907/2018**

The committee discussed the matter in 342<sup>nd</sup> SEAC meeting dated 30/05/2018, wherein, the project proponent did not appear in the meeting. The project proponent through letter dated 11/09/2018 has requested to list the matter in upcoming SEAC meeting. The matter listed on SEAC meeting dated 23/10/2018. A presentation was made by the project proponent along with their consultant M/s Ind Tech Houses Consult. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for River Sand/Bajari/Boulder Mining Project at Khand No./Gata No.-1/1/1, Lot No.-38, Village- Nuniyari Atetmaal, Tehsil- Behat, District- Saharanpur, U.P., (Leased Area – 24-29 Ha), M/s Bajaad Contractor.
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/ 74907/2018
2. File No. allotted by SEIAA, UP	4293
3. Name of Proponent	Bajad Contractor (Shri Naseem)

4. Full correspondence address of proponent and mobile no.	R/O-H.C.F-35 2 <sup>nd</sup> Floor Sarojni Colony Face-1 Yamuna Nagar Haryana		
5. Name of Project	Total Area 60.0 Acres (24.29Ha)River Sand/Bajari /Boulder Mining Project at Khand No./Gata No -1/1/1 Lot No.38 Village-Nuniyari Ahetmaal, Tehsil-Behat District-Saharanpur U.P.		
6. Project Location(Plot.Khsra/Gata No.)	Khand No/Gata No.1/1/1 Lot No-38		
7. Name of River	Yamuna River		
8. Name of Village	Nuiyari Ahetmal		
9. Tehsil	Behat		
10. District	Saharanpur		
11. Name of Minor Mineral	Sand/Bajari/Boulder		
12. Sanctioned Lease Area (in Ha.)	24.29 Ha		
13. Mineable Area (in Ha.)	22.62 Ha		
14. Zero level mRL	273.0mRL		
15. Max. & Min mRL within lease area	281.0 mRL in NE & 277.0mRL in SW		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	30°10'30.27"N	77°28'50.87"E
	B	30°10'45.72"N	77°29'01.75"E
	C	30°10'52.21"N	77°29'02.90"E
	D	30°10'58.85"N	77°29'20.58"E
	E	30°11'06.34"N	77°29'06.53"E
	F	30°11'00.18"N	77°29'02.75"E
	G	30°10'58.61"N	77°29'04.02"E
	H	30°10'42.14"N	77°28'49.03"E
	I	30°10'44.51"N	77°28'45.32"E
J	30°10'38.85"N	77°28'40.22"E	
17. Total Geological Reserves	9,71,600m <sup>3</sup> /Annum		
18. Total Mineable Reserve in LOI	4,37,247m <sup>3</sup> /Annum		
19. Total Proposed Production	4,37,247m <sup>3</sup> /Annum		
20. Proposed Production /year	4,37,247m <sup>3</sup> /Annum		
21. Proposed Production in 5 Years	Year	Production	
	1 <sup>st</sup>	4,37,247m <sup>3</sup> /Annum	
	2 <sup>nd</sup>	4,37,247m <sup>3</sup> /Annum	
	3 <sup>rd</sup>	4,37,247m <sup>3</sup> /Annum	
	4 <sup>th</sup>	4,37,247m <sup>3</sup> /Annum	
	5 <sup>th</sup>	4,37,247m <sup>3</sup> /Annum	
	Total	21,86,235m <sup>3</sup>	
22. Sanctioned Period of Mine lease	5 Years		
23. Production of mine/day	1943 m <sup>3</sup> /Day		
24. Method of Mining	Open cast Manual / Semi Mechanized Mining		
25. No. of working days	225 Days		
26. Working hours/day	8 Hours		
27. No. of worker	120 Worker		
28. No. of vehicles movement/day	216 Trucks / Day		
29. Type of Land	River Bed (Govt. Land)		
30. Ultimate of Depth of Mining	2.0 m		
31. Nearest metalled road from site	1.60 Km		
32. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.2 KLD	
	Suppression of dust	14.40 KLD	
	Plantation	2.56KLD	
	Others (if any)		

	Total	18.16 KLD
33. Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.87 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 Map & Certificate verified by Mining Officer	516/Khanij/2018-19 Dated-07/4/2018	
36. Details of Lease Area in approved DSR	Given Table on Page No-11 At Sr. No. 07	
37. Proposed CER cost	2.50 Lac	
38. Proposed EMP cost	21.80 Lac	
39. Length and breadth of Haul Road	1200. 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-13**

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure-4 to these minutes regarding Sand, Gitti, Patthar & Boulder mining project.

#### **14. Baluwa Bhawani Bux Ordinary Sand Mining Project In Ghaghra River at Gata No.-2 Mi, (Area:5.810 ha),in Village- Baluwa Bhawani Bux, Tehsil- Sagri, District-Azamgarh, U.P.,(Leased Area:5.810Ha). File No. 4263/Proposal No. SIA/UP/MIN/74772/2018**

The committee discussed the matter in 353<sup>rd</sup> SEAC meeting dated 29/08/2018, wherein, the project proponent was directed to submit following information:

1. Revised CER should be submitted.
2. Revised EMP should be submitted with breakup of all remedial measures.
3. Reference source of plant species mitigating air pollution should be mentioned.

The project proponent submitted their replies through letter dated 15/09/2018. A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for Sand Mining Project in Ghaghra River at Gata No.-2 Mi at Village- Baluwa Bhawani Bux, Tehsil- Sagri, District-Azamgarh, U.P., (Leased Area: 5.810 Ha).
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/74772/2018 dated 26 <sup>th</sup> April 2018
2. File No. allotted by SEIAA, UP	4263
3. Name of Proponent	Sh. Aditya Singh
4. Full correspondence address of proponent and mobile no.	R/o- Village Lashirampur, Tehsil – Sadar, District – Azamgarh, Uttar Pradesh

Name of Project	Riverbed Sand Mining		
5. Project location (Plot/Khasra/Gata No.)	Gata No. 2 म०		
Name of River	River Ghaghra		
6. Name of Village	Balua Bhawani Bux		
7. Tehsil	Tehsil- Sagri		
8. District	District- Azamgarh, Uttar Pradesh		
9. Name of Minor Mineral	Ordinary sand		
10. Sanctioned Lease Area (in Ha. )	5.810ha		
11. Mineable Area (in Ha. )	5.810 ha		
12. Zero level mRL	73.0 mRL		
13. Max. & Min mrl within lease area	80.0 mRL & 76.0 mRL		
14. Pillar Coordinates (Revised and Verified)	PILLAR	Latitude	Longitude
	A	26° 22’41.4” N	83° 08’43.9”E
	B	26° 22’38.2” N	83° 08’37.6”E
	C	26° 22’48.9” N	83° 08’34.4”E
	D	26° 22’50.6” N	83° 08’41.0”E
15. Total Geological Reserves	1,76,968 m <sup>3</sup> / 2,65,452 MT		
16. Total Mineable Reserves in LOI	58,100 m <sup>3</sup> / Year ; 87,150 TPA		
17. Total Proposed Production (in five year)	2,90,500 m <sup>3</sup> / 4,35,750 TPA		
18. Proposed Production/year	58,100 m <sup>3</sup> (87,150 TPA)		
19. Sanctioned Period of Mine lease	5 years		
20. Production of mine/day	232 m <sup>3</sup> /day		
21. Method of Mining	Opencast Semi-Mechanized		
22. No. of working days	250		
23. Working hours/day	12 hours (In two Shifts)		
24. No. Of workers	50		
25. No. Of vehicles movement/day	Truck dumpers/tipper,Trackor Trolleys & other light vehicles		
26. Type of Land	Riverbed of Ghaghra (Land on Lease issued by DM Govt. of UP)		
27. Ultimate Depth of Mining	1.2 m		
28. Nearest metalled road from site	800 m from the riverbed		
29. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.50 KLD	
	Suppression of dust	4.80 KLD	
	Plantation	0.60 KLD	
	Others (if any)	--	
	Total	5.90 KLD	
30. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt. Ltd. QCI-NABET 1619/IA006, Valid 31 <sup>st</sup> Jan 2019		
31. Any litigation pending against the project or land in any court	No		
32. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 99/khanan dated. 09-04-2018		
33. Details of Lease Area in approved DSR	DSR is available (A copy of letter of SDM is enclosed)		
34. Proposed CER cost @ 2% of total project cost	Rs. 15,30,000 /- (Total Project Cost is 7,65,00,000)		
35. Proposed EMP cost	Rs. 7,65,000/		
36. Length and breadth of Haul Road	Length – 0.80 Km , width 6 m		
37. No. of Trees to be Planted	200 Plants in five years (Tentative)		

- 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-14**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 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. 15,30,000 /- 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, Azamgarh, 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.

**15. Proposed Riverbed "Sand Mining" Project from Ghaghra River at Gata No.-676 mi, 677 mi, 678 mi, 682 mi, 683 mi, 777, 776 mi, 775 mi, 774 mi, 688 mi, 689 mi, 690 mi, 770 mi, 769 mi, 768 mi, 767 mi, 772, 771, 766 mi, 773 mi, 778 mi, ( as per Letter of Intent)(Area:10.585 Ha) located at Village -Botaha, Tehsil - Ghanghata, District - Sant Kabir Nagar, U.P., Sanctioned Lease Area - 10.585 Ha. File No. 4332/Proposal No. SIA/UP/MIN/75357/2018**

The committee discussed the matter in 353<sup>rd</sup> SEAC meeting dated 29/08/2018, wherein, the project proponent was directed to submit following information:

1. Revised CER should be submitted.
2. Revised EMP should be submitted with breakup of all remedial measures.
3. Reference source of plant species mitigating air pollution.
4. Geo-coordinate of lease area, workable area and submerged area should be verified by DMO.

The project proponent submitted their replies through letter dated 15/09/2018. A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for river bed "Sand Mining" Project from Ghaghra River at Gata No.-676 mi, 677 mi, 678 mi, 682 mi, 683 mi, 777, 776 mi, 775 mi, 774 mi, 688 mi, 689 mi, 690 mi, 770 mi, 769 mi, 768 mi, 767 mi, 772, 771, 766 mi, 773 mi, 778 mi at Village - Botaha, Tehsil - Ghanghata, District-Sant Kabir Nagar, (Leased Area - 10.585 Ha.).
- 2- Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/75357/2018; dated 09 <sup>th</sup> June 2018
2. File No. allotted by SEIAA, UP	4332
3. Name of Proponent	Sh. Bali Ram Yadav, S/o Sh. Ram Daud
4. Full correspondence address of proponent and mobile no.	R/o- Village & Post Tamakhas, Tehsil Khalilabad, District Sant Kabir Nagar, UP
Name of Project	Riverbed Sand Mining
5. Project location (Plot/Khasra/Gata No.)	Gata No. 676 मि0, 677 मि0, 678 मि0, 682 मि0, 683 मि0, 777, 776 मि0, 775 मि0, 774 मि0, 688 मि0, 689 मि0, 690 मि0, 770 मि0, 769 मि0, 768 मि0, 767 मि0, 772, 771, 766 मि0, 773 मि0, 778 मि0
Name of River	River Ghaghra

6. Name of Village	Botaha		
7. Tehsil	Tehsil- Ghanghata		
8. District	District- Sant Kabir Nagar, Uttar Pradesh		
9. Name of Minor Mineral	Ordinary sand		
10. Sanctioned Lease Area (in Ha. )	10.585 ha		
11. Mineable Area (in Ha. )	10.022 ha (Submerged Area 0.563		
12. Zero level mRL	75.0 mRL		
13. Max. & Min mrl within lease area	81.0 mRL & 75.0 mRL		
14. Pillar Coordinates (of total lease area)	PILLAR	Latitude	Longitude
	A	26 <sup>0</sup> 32'20.33"N	82 <sup>0</sup> 52'33.19"E
	B	26 <sup>0</sup> 32'08.37"N;	82 <sup>0</sup> 52'25.87"E
	C	26 <sup>0</sup> 32'04.350"N	82 <sup>0</sup> 52'32.73"E
	D	26 <sup>0</sup> 32'17.14"N;	82 <sup>0</sup> 52'44.23"E
Coordinates of Submerged Area	B1	26°32'10.38"N	82°52'27.15"E
Coordinates of workable area	C1	26°32'05.52"N	82°52'30.82"E
	Coordinates of workable area		
	A	26 <sup>0</sup> 32'20.33"N	82 <sup>0</sup> 52'33.19"E
	D	26 <sup>0</sup> 32'17.14"N;	82 <sup>0</sup> 52'44.23"E
	B1	26°32'10.38"N	82°52'27.15"E
	C1	26°32'05.52"N	82°52'30.82"E
15. Total Geological Reserves	2,59,852 m <sup>3</sup> or 3,89,778 MT		
16. Total Mineable Reserves in LOI	1,05,850 m <sup>3</sup> / Year or 1,58,775 TPA		
17. Total Proposed Production (in five year)	5,29,250 m <sup>3</sup>		
18. Proposed Production/year	74,000 m <sup>3</sup> /Year or (1,11,000 TPA)		
19. Sanctioned Period of Mine lease	5 years		
20. Production of mine/day	423.0 m <sup>3</sup> /day		
21. Method of Mining	Opencast Semi-Mechanized		
22. No. of working days	250		
23. Working hours/day	12 hours (In two Shifts)		
24. No. Of workers	50		
25. No. Of vehicles movement/day	Truck dumpers/tipper,Trackor Trolleys & other light vehicles		
26. Type of Land	Riverbed of Ghaghra (Land on Lease issued by DM Govt. of UP)		
27. Ultimate Depth of Mining	2.0 m		
28. Nearest metalled road from site	260 m from the riverbed		
29. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.50 KLD	
	Suppression of dust	1.56 KLD	
	Plantation	1.20 KLD	
	Others (if any)	--	
	Total	3.26 KLD	
30. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt. Ltd. QCI-NABET 1619/IA006, Valid 31 <sup>st</sup> Jan 2019		
31. Any litigation pending against the project or land in any court	No		
32. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 209/Khanan Anubhag, dated 09/04/2018		
33. Details of Lease Area in approved DSR	Letter no:04/khanan anubhag dated January 04,2018		
34. Proposed CER cost @ 2% of total project cost	Rs. 15,30,000/- (Total Project Cost is Rs 7,65,00,000/)		
35. Proposed EMP cost	Rs. 7,65,000/		



36. Length and breadth of Haul Road	Length – 0.26 Km , width 6 m
37. No. of Trees to be Planted	500 Plants in five years (Tentative)

- 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-15**

**The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at annexure 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. 15,30,000 /- 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, Sant Kabir Nagar, 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.

**16. Proposed Sand Mining Project at Yamuna River at Gata/Khand No.- 1 mi, 2 mi, 5 mi, 30 mi, 31 mi & 32 mi, Area- 7.18 , Village-Yakootpur Tehsil- Sadar, District-Gautam Budh Nagar, U.P. (Leased Area-7.18Ha). File No. 4398/Proposal No. SIA/UP/MIN/75836/2018**

The committee discussed the matter in 353<sup>rd</sup> SEAC meeting dated 29/08/2018, wherein, the project proponent was directed to submit following information:

1. There is a mismatch in Geo-coordinate mentioned in form-1 and in presentation documents (affidavit etc.). Revised form-1 and supplementary affidavit should be submitted accordingly.
2. Geo-coordinate of lease area, workable area and submerged area should be verified by DMO.

The project proponent submitted their replies through letter dated 18/10/2018. A presentation was made by the project proponent along with their consultant M/s Geogreen Enviro House Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that :-

- 1- The environmental clearance is sought for Sand Mining at Yamuna River at Gata/Khand No.- 1 mi, 2mi, 5mi, 30mi, 31mi & 32mi, Village-Yakootpur Tehsil-Sadar, Distt-Gautam Budh Nagar, (Leased Area-7.18Ha).
- 2- Salient features of the project as submitted by the project proponent:

1.	On Line Proposal No.	SIA/UP/MIN/75836/2018
2.	File No. Allotted By SEIAA, UP	4398
3.	Name Of Proponent	Shri Suyash Jaiswal
4.	Full Correspondence Address Of Proponent And Mobile Number	R/o – Village Marvatiya, Pandey Bazar, District Basti, U.P.
5.	Name Of Project	Sand Mining at Yamuna River at Gata/Khand No.-1mi, 2mi, 5mi, 30mi, 31mi and 32mi, Village-Yakootpur, Tehsil-Sadar, District-Gautam Buddha Nagar (Area 7.18 Ha)
6.	Project Location (Plot/Khasra/Gata No.)	Remaining part of Gata/Khand No.-1mi, 2mi, 5mi, 30mi, 31mi and 32mi, Village-Yakootpur, Tehsil-Sadar, District-Gautam Buddha Nagar (Area 7.18 Ha)
7.	Name Of River	Yamuna
8.	Name Of Village	Yakootpur

9.	Tehsil	Sadar															
10.	District	Gautam Buddha Nagar															
11.	Name Of Minor Mineral	Sand															
12.	Sanctioned Lease Area In Ha	7.18 Ha															
13.	Mineable Area In Ha	7.18 Ha															
14.	Zero Level mRL	192 m															
15.	Max. &Min mRLWithin Lease Area	Max-198.5 m; Min- 194.2m															
16.	Pillar Coordinates (Verified By DMO)	<table border="1"> <thead> <tr> <th>Point</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr> <td>A</td><td>28° 28' 07.81"</td><td>77° 24' 52.03"</td></tr> <tr> <td>B</td><td>28° 28' 10.73"</td><td>77° 24' 35.60"</td></tr> <tr> <td>C</td><td>28° 28' 17.22"</td><td>77° 24' 39.62"</td></tr> <tr> <td>D</td><td>28° 28' 19.07"</td><td>77° 24' 42.22"</td></tr> </tbody> </table>	Point	Latitude	Longitude	A	28° 28' 07.81"	77° 24' 52.03"	B	28° 28' 10.73"	77° 24' 35.60"	C	28° 28' 17.22"	77° 24' 39.62"	D	28° 28' 19.07"	77° 24' 42.22"
Point	Latitude	Longitude															
A	28° 28' 07.81"	77° 24' 52.03"															
B	28° 28' 10.73"	77° 24' 35.60"															
C	28° 28' 17.22"	77° 24' 39.62"															
D	28° 28' 19.07"	77° 24' 42.22"															
17.	Total Geological Reserve	1,70,717cubic meter															
18.	Total Mineable Reserve in LOI	1,07,700cubic meter															
19.	Total Proposed Production in 05 years	5,38,500cubic meter															
20.	Proposed Production/year	1,07,700cubic meter															
21.	Sanctioned Period Of Mine Lease	05 years															
22.	Production Of Mine/Day	431cubic meter															
23.	Method Of Mining	Manual & Semi mechanized															
24.	No. Of Working Days	250															
25.	Working Hours/Day	08 hrs max, Day Time															
26.	No. Of Workers	50															
27.	No. Of VehiclesMovement/Day	32 trucks twice a day															
28.	Type Of Land	Govt. /non forest															
29.	Ultimate Depth Of Mining	2.0m															
30.	Nearest Metalled Road From Site	Noida - Greater Noida Expressway – 2.56 Km, NE															
31.	Water Requirement	Water required for the project per day will be around 13.0 KLD (2.0 drinking purpose + 9.5 dust suppression and 1.5 for plantation) of water supply will be from the village through tanker.															
32.	Name Of The QCI Accredited Consultant With QCI No. And Period Of Validity	GEOGREEN ENVIRO HOUSE PVT LTD NABET/EIA/1720/IA0023 Valid till April' 2020															
33.	Any Litigation Pending Against The Project Or Land In Any Court.	No															
34.	Details Of 500m Cluster Map & Certificate Verified By Mining Officer	Letter No 1408 Dated04/05/2018issued by District Mining Officer, GB Nagar confirms that there is no other mine lease in its vicinity.															
35.	Details Of Lease Area In Approved DSR	Page No.20 Table No.11															
36.	Proposed CSR Cost	Rs. 2,53,000.00															
37.	Propose EMP Cost	Rs. 6,28,500.00															
38.	Length And Breadth Of Haul Road	500.0 m x 6.0 m															
39.	No. of trees to be planted	50 per year															

- 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. 2.53 Lakh 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, Gautam Buddha Nagar, 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. Expansion of Existing Sugar Mill From 5000 TCD to 12000 TCD and 10 MW Co-gen. Power Plant at Village- Tikaula, Tehsil-Jansath, P.O. Ramraj, Distt. Muzaffarnagar, U.P., M/s Tikaula Sugar Mills Ltd. File No. 3942 /Proposal No. (SIA/UP/IND2/20603/2017)**

A presentation was made by Shri Kunwarjeet Sharma, representative of project proponent along with their consultant M/s SAWEN Consultancy Services Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Expansion of Sugar Mill from 5000 TCD to 12000 TCD and 10 MW Co-gen. Power Plant at Plot No. 404, 580, 581, 582, 583, 584, 585/1, 585/2, 586, 593, 594, 595, 596, 597, 631M, 632, Village- Tikaula, Tehsil-Jansath, P.O. Ramraj, Distt. Muzaffarnagar, U.P., M/s Tikaula Sugar Mills Ltd.
- 2- Terms of reference in the matter were issued through SEIAA letter dated 22/03/2018. Public hearing was organized on 22/09/2018.
- 3- Final EIA report submitted by the project proponent through letter dated 11/10/2018.
- 4- The land was allotted by Govt. of U.P. vide their notification no. 2431-S.C/XVIII-2-95,81-94 Dated 25/07/1995.
- 5- Salient features of the project as submitted by the project proponent:

1.	Name of the Industry	M/s. Tikaula Sugar Mills Ltd.
2.	Coordinates	29°16'23.01"N and 77°59'37.72"E
3.	Products with Manufacturing Capacity	Capacity expansion of 5000 TCD to 12000 TCD Sugar Mills along with 10 MW Cogeneration Sugar-2208000 Qt. Approx. /Year (12000 TPD) Molasses-900000 Qt. Approx.
4.	Category of Project as per EIA Notification & Amendments	5 (j) Sugar Industry , Screening Category "B"
5.	Total Plot Area	284134 Sq. m (The expansion to be done within the existing plant area. No additional land required).
6.	Status of Land	Industrial land allotted by Govt. of U.P. vide their Notification No. 2431-S.C/XVIII-2-95,81-94 Dt.25.07.1995.
7.	Green belt Area	93764.22sq. m (33% Approx.)
8.	Project Cost	100 Crores
9.	Connectivity	Nearest Railway Station : Muzaffarnagar, 40km Nearest Highway: Meerut-Pauri Road Nearest Airport: IGI Airport Delhi-148 km

6- Area details of the project:

S. No.	Land Details	Area, Sq. m
1.	Area under roads & CC Floor	13450
2.	Area for Process House	10290
3.	Area for Admin	2490
4.	Area for Storage & Go-down	12000

5.	Baggsse Platform	3000
6.	Area for parking, cane yard & other open areas	35705
7.	Area for ETP	800
8.	Water Reservoir, Cooling Tower etc.,	5980
9.	Residential Blocks	1400
10.	Boiler Ash and Mud staking Yard	17300
11.	Green Belt Area (existing)	28000
	Greenbelt Area (Proposed)	93764
12.	Open Area & Others	59937
	<b>TOTAL AREA</b>	<b>284134 Sq. m</b>

7- Plant capacity details:

S. No.	Unit	Existing Capacity	Proposed Capacity	Total After Expansion
1.	Sugar plant	5000 TCD	7000 TCD	12000 TCD
2.	Co-Gen Power	20 MW	10 MW	30 MW

8- Comparative details of existing and proposed expansion of the project:

S. No.	Other Details	Existing Unit 5000 TCD	Expansion 7000 TCD	Total after Expansion 12000 TCD
1.	Water Requirement	835 M <sup>3</sup> /Day	1165 M <sup>3</sup> /Day	2000 M <sup>3</sup> /Day Including 33% Greenbelt Area
2.	Source	Ground water & Condensate water Permission Status: Applied to CGWB for drawl of Ground Water		
3.	Waste water Generation	700 M <sup>3</sup> /Day	980 M <sup>3</sup> /Day	1680 M <sup>3</sup> /Day
4.	Effluent Treatment Plan (Capacity)	1200 M <sup>3</sup> /Day	-	2160 M <sup>3</sup> /Day
5.	Power Requirement	7.5 MW	7.5 MW	15MW (Source-Captive Power Generation)
6.	Emergency Power	Existing Four (4) No's of DG set (380 KVA each)		
7.	Manpower Requirement	50 Persons (Permanent)	250 (Temp) and 20 Persons (Permanent)	Construction Phase – 250 (Temporary) 70 Persons (Permanent)

9- Water calculation details:

Water Requirement	Existing Unit (for 5000 TCD Sugar & 20 MW Co-Gen Power)			After Expansion (for 12000 TCD Sugar & 30 MW Co-gen Power)		
	Water requirement m <sup>3</sup> /day	% Losses	Effluent m <sup>3</sup> /day	Water requirement m <sup>3</sup> /day	Losses m <sup>3</sup> /day	Effluent m <sup>3</sup> /day
Industrial (Washing & Cooling)	735	67	668	1855	211	1644
Domestic	40	8	32	45	9	36
Gardening	60	60	Nil	100	100	Nil
Total	835	135	700	2000	320	1680

10- Waste management details:

Name of the Solid Waste	Quantity	Management
Boiler Ash	Existing: 22 TPD Proposed:42 TPD	Boiler ash will be given to the farmers & mixing with Bio-compost.
ETP Sludge	Existing: 2.0 TPD Proposed:3.5 TPD	Use for Bio-Composting process as culture and finished product using as Bio-compost giving to the farmers.
Bagasse	Existing:1500 TPD	Bagasse will be used as fuel in the boilers & balance will be sold

	Proposed:3540 TPD	to Paper Mills.
Molasses	Existing:250 TPD Proposed:600 TPD	Molasses will be used in our distillery for making Ethanol.
Press Mud	Existing: 250 TPD Proposed:540 TPD	Press mud will be transfer to our Distillery unit for making of Bio-compost.
ETP Capacity	2160 KLD	

11- The project proposal falls under category–5(j) 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 following conditions:**

##### **I. Statutory compliance:**

- I. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- II. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- III. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six - monthly compliance report. (in case of the presence of schedule-I species in the study area).
- IV. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
- V. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- VI. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989

##### **II. Air quality monitoring and preservation:**

- I. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- II. The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.s in reference to PM emission , and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four

locations (one within and three outside the plant area at an angle of 12 0° each), covering upwind and downwind directions. (case to case basis small plants: Manual; Large plants: Continuous).

- III. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- IV. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
- V. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.
- VI. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
- VII. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
- VIII. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.

### **III. Water quality monitoring and preservation**

- I. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD) and connected to SPCB and CPCB online servers.
- II. Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).
- III. Process effluent /any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
- IV. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
- V. Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
- VI. Industrial/trade effluent shall be segregated into High COD/TDS and Low COD/TDS effluent streams. High TDS/COD shall be passed through stripper followed by MEE and ATFD (agitated thin film drier). Low TDS effluent stream shall be treated in ETP and then passed through RO system.
- VII. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.



**IV. Noise monitoring and prevention**

- I. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
- II. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
- III. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time

**V. Energy Conservation measures**

- I. The energy sources for lighting purposes shall preferably be LED based.

**VI. Waste management**

- I. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
- II. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
- III. The company shall undertake waste minimization measures as below :-
  - a. Metering and control of quantities of active ingredients to minimize waste.
  - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
  - c. Use of automated filling to minimize spillage.
  - d. Use of Close Feed system into batch reactors.
  - e. Venting equipment through vapour recovery system.
  - f. Use of high pressure hoses for equipment clearing to reduce wastewater generation

**VII. Green Belt**

- I. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.

**VIII. Safety, Public hearing and Human health issues**

- I. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- II. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- III. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- IV. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- V. Occupational health surveillance of the workers shall be done on a regular basis and

records maintained as per the Factories Act.

- VI. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places

**IX. Corporate Environment Responsibility**

- I. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- II. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements /deviation/violation of the environmental / forest /wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation/ violation of the environmental/ forest / wildlife norms I conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- III. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive , who will directly to the head of the organization.
- IV. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- V. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

**X. Miscellaneous**

- I. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- II. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- III. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- IV. The project proponent shall monitor the criteria pollutants level namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters,

- indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- V. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- VI. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- VII. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- VIII. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- IX. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- X. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- XI. Concealing factual data or submission of false /fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- XII. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- XIII. The Ministry reserves the right to stipulate additional conditions if found necessary.
- XIV. The Company in a time bound manner shall implement these conditions.
- XV. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
- XVI. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- XVII. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**18. Proposed River Bed Sand Mining Project from Banganga River for M/s Nishant Traders located at Gata No.- 1/331, 1/7 (Area 6.78 Ha) Village- Komar, Tehsil- Shohratgarh, District-Siddharth Nagar, U.P., Sanctioned Lease Area: 6.78 ha, File No. 4170/Proposal No. (SIA/UP/ MIN/73788/2018)**

**RESOLUTION AGAINST AGENDA NO-18**

The SEAC discussed the matter and decided that subcommittee of Dr. Pramod Kumar Mishra, Member SEAC as a Chairman alongwith concerned RO, UP Pollution Control Board and District Mining Officer will inspect the site within 15 days and submit the inspection report for further consideration of the matter.

**(Dr. Sarita Sinha)**  
**Member**

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

**(Dr. Virendra Mishra)**  
**Member**

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

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

**Annexure-2**

**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-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of



the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.

15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS)].
16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

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

**Annexure-3**

**Terms of Reference for 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. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. 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.
10. 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.
11. 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.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. 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.
14. 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.
15. Impact of change of land use should be given.
16. 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.
17. 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.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>x</sub> and

- NO<sub>x</sub>), 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.
20. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM<sub>10</sub> particularly for free silica should be given.
  21. 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.
  22. 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.
  23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
  24. Details of water conservation measures proposed to be adopted in the projected should be given.
  25. 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.
  26. 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.
  27. 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.
  28. Details of rainwater harvesting proposed, if any, in the project should be provided.
  29. 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.
  30. 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).
  31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
  32. 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 covered.
  33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
  34. 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.
  35. 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.
36. 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.
  37. 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.
  38. 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.
  39. 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.
  40. 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.
  41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
  42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
  43. 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.
  44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
  45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
  46. 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.
  47. 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.
  48. 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.

**Annexure-4**

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

**A. General Conditions:**

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization and scope of working shall again required prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, quantum of mineral and waste shall be made.
5. Mining will be carried out as per the approved mining plan. In case of any violation of mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO<sub>2</sub>, NO<sub>x</sub> monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board. The monitored data for criteria pollutants shall be regularly up loaded on the company's website and also displayed at website.
7. Data on ambient air quality (RPM, SPM, SO<sub>2</sub>, NO<sub>x</sub>) should be regularly submitted to the Regional office, MoEF, GoI, Lucknow and the State Pollution Control Board / Central Pollution Control Board once in six months.
8. Ambient air quality at the boundary of the mine premises shall conform to the norms prescribed in MoEF notification no. GSR/826(E) dt. 16.11.09.
9. Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.
10. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with ear plugs / muffs and health records of the workers shall be maintained.
11. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.
12. Personnel working in areas shall be provided with protective respiratory devices like mask and they shall also be imparted adequate training and information on safety and health aspects.
13. Special measures shall be adopted to prevent the nearby settlements from the impacts of mining activities.
14. The transportation of the materials shall be limited to day hours time only.
15. Provision shall be made for the housing the labourers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water,

medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

16. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
17. The Project Proponent shall inform to the Regional Office, MoEF, GoI, Lucknow and State Pollution Control Board regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
18. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the MoEF, GoI, Lucknow and State Pollution Control Board
19. The Regional Office, MoEF, GoI, Lucknow and State Pollution Control Board shall monitor compliance of the stipulated conditions. A complete set a documents including Environment Impact Assessment Report, Environmental Management Plan, Public hearing and other documents information should be given to Regional Office of the MoEF, GoI, Lucknow and State Pollution Control Board
20. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat and Municipal Bodies as applicable in the matter.
21. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Level Environment Impact Assessment Authority (SEIAA).
22. The Project Proponent has to submit half yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the SEIAA,U.P. on 1st June and 1st December of each calendar year.
23. The SEIAA may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
24. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

**B. Specific Conditions:**

1. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
2. This environmental clearance shall be subject to valid lease in favour of project proponent for the proposed mining proposals. In case, the project proponent does not have a valid lease, this environmental clearance shall automatically become null and void.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Explosive can not be stored on the site.
5. A comprehensive EIA including mining areas within 15 K.M. to assess impact of the mining activity on the surrounding area shall be undertaken and report submitted to this Authority within one year.

6. No two pits shall be simultaneously worked i.e. before the first is exhausted and reclamation work completed, no mineral bearing area shall be worked.
7. After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation works in the exhausted pit shall be completed so as to ensure that reclamation, forest cover and vegetation are visible during the first year of mining operations in the next pit. This process will follow till the last pit is exhausted. Adequate rehabilitation of mined pit shall be completed before any new ore bearing area is worked for expansion.
8. Adequate buffer zone shall be maintained between two consecutive mineral bearing deposits.
9. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
10. Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. The company shall involve local people for plantation programme. Details of year wise afforestation programme including rehabilitation of mined out area shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow every year.
11. Blast vibrations study shall be conducted and a observation report submitted to the Regional office, MoE&CC, GoI, Lucknow and UPPCB within six months. The report shall also include measures for prevention of blasting associated impact on nearby houses and agricultural fields.
12. Controlled blasting techniques with sequential blasting shall be adopted. The blasting shall be carried out in the day time only.
13. Appropriate arrangement for shelter and drinking water for the mining workers has to be ensured at the mining site.
14. Maintenance of village roads used for transportation of minerals are to be done by the company regularly at its own expenses. The roads shall be black topped.
15. Rain water harvesting shall be undertaken to recharge the ground water source.
16. Status of implementation shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow and UP Pollution Control Board within six months and thereafter every year from the next consequent year.
17. Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geo textile matting or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.
18. Trenches / garland drains shall be constructed at foot of dumps and coco filters installed at regular intervals to arrest silt from being carried to water bodies. Adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs, if any flowing through the ML area and silts arrested. De- silting at regular intervals shall be carried out.
19. Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and for waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de- silted at regular intervals.
20. Ground and surface water, if any in and near the core zone (within 5.0 km of the lease) shall be regularly monitored for contamination and depletion due to mining activity and records maintained. The monitoring data shall be submitted to the Regional Office, MoEF, GoI, Lucknow and U.P. Pollution Control Board regularly. Further, monitoring points shall be



located between the mine and drainage in the direction of flow of ground water shall be set up and records maintained.

21. Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records submitted to the Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly.
22. Baseline data for ambient air quality shall be generated and maintained and RSPM level in ambient air in the nearby human habitation (villages) shall also be monitored along with other parameters.
23. Corporate Environmental Responsibility (CER) shall be 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.
24. Transportation of minerals shall be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of mineral/dust takes place.
25. Occupational health and safety measures for the workers including identification of work related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust etc. shall be carried out. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including health records of the workers. Awareness programme for workers on impact of mining on their health and precautionary measures like use of personal equipments etc. shall be carried out periodically. Review of impact of various health measures shall be conducted followed by follow up action wherever required.
26. The project proponent will ensure for providing employment to local people as per requirement, necessary protection measures around the mine pit and waste dump and garland drain around the mine pit and waste dump.
27. Top soil / solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation of mined out area. Top soil shall be separately stacked for utilization later for reclamation and shall not be stacked along with over burden.
28. Over burden (OB) shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 20 m, each stage shall preferably be of maximum 10 m and overall slope of the dump shall not exceed 35°. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off.
29. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self sustaining. Compliance status shall be submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow and U.P. Pollution Control Board on six monthly basis.
30. Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of Mines.
31. Permission for abstraction of ground water shall be taken from Central Ground Water Board. Regular monitoring of ground and surface water sources for level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year i.e. pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January)

- and the data thus collected shall be regularly sent to MoEF&CC, Central Ground Water Authority and Regional Director, Central Ground Water Board.
32. The waste water from the mine shall be treated to conform to the prescribed standards before discharging in to the natural stream. The discharged water from the Tailing Dam, if any shall be regularly monitored and report submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow, Central Pollution Control Board and the State Pollution Control Board.
  33. Hydro geological study of the area shall be reviewed by the project proponent annually. In case adverse effect on ground water quality and quantity is observed mining shall be stopped and resumed only after mitigating steps to contain any adverse impact on ground water is implemented.
  34. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of minerals and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. The vehicles transporting minerals shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the course of transportation. No overloading of minerals for transportation shall be committed. The trucks transporting minerals shall not pass through wild life sanctuary, if any in the study area.
  35. Prior permission from the Competent Authority shall be obtained for extraction of ground water, if any.
  36. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Regional office, Ministry of Environment & Forests, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
  37. Project Proponent shall explore the possibility of using solar energy where ever possible.
  38. Commitment towards CER has to be followed strictly.
  39. Regular health check-up record of the mine workers has to be maintained at site in a proper register. It should be made available for inspection whenever asked.
  40. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB and other Govt. Agencies from time to time.
  41. The blasting will be done only after getting the permission from the Mining Department.