

Minutes of 365th SEAC Meeting Date 17/10/2018

The 365th meeting of SEAC was held in Directorate of Environment, U.P. on 17/10/2018 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.	Prof. D.P. Singh,	Member
8.	Shri Meraj Uddin,	Member
9.	Shri Rajive Kumar,	Member

The Chairman welcomed the members to the 365th SEAC meeting.

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

1. **Proposed River Bed Sand Mining Project from Yamuna River for M/s Jai Bajarang Traders located at Khand No.- 11/05 to 11/06, Village- Diya Uparhar, Tehsil- Manjhanpur, District- Kaushambi, U.P., Lease Area: 24.28 ha (59.97 acre), File No. 4508 / 4165/Proposal No. SIA/UP/MIN/29385/2018**

RESOLUTION AGAINST AGENDA NO-01

The project proponent requested to defer the matter in next SEAC meeting. The committee discussed the matter and directed to defer the matter on request.

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

2. **Proposed River Bed sand/Morrum Mining from Betwa River for M/S Rama Traders located at Khand No.- 9/3 , Village-Kandaur, Tehsil- Hamirpur, District- Hamirpur, U.P., Sanctioned Lease Area- 30.769 ha, Effecative Working Area- 221.30 ha File No. 4070/Proposal No. SIA/UP/MIN/21922/2018**

RESOLUTION AGAINST AGENDA NO-02

This case will take up on dated 22/10/2018.

3. Sand/Morrum Mine on Ken River at Khand No.- 195/1, 191, 3, Village- Lahureta, Tehsil- Narani, District- Banda, U.P., M/s R.S.I. Stone World Pvt. Ltd. (Sanctioned Lease Area: 33.00 ha), File No. 4176/Proposal No. SIA/UP/MIN/23026/2018

A presentation was made by the project proponent alongwith 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 Sand/Morrum Mine on Ken River at Khand No.- 195/1, 191, 3, Village- Lahureta, Tehsil- Narani, District- Banda, U.P., (Sanctioned Lease Area: 33.00 ha), M/s R.S.I. Stone World Pvt. Ltd.
2. Terms of reference in the matter were issued through SEIAA letter dated 14/04/2018.
3. The public hearing was organized on 13/09/2018.
4. EIA was submitted by the project proponent through letter dated 04/10/2018.
5. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/23026/2018		
2. File No. allotted by SEIAA, UP	4176		
3. Name of Proponent	M/s R.S.I. Stone World Pvt. Ltd.		
4. Full correspondence address of proponent and mobile no.	E 7 M 708, Arera Colony, Bhopal (M.P.)		
5. Name of Project	Lahureta (area 33.00 ha sand/morrum mine) on Ken river		
6. Project location (Plot/Khasra/Gata No.)	Gata No. part of 195/1, 191, 3 Village – Durendi, Tehsil – Banda, District – Banda, Uttar Pradesh.		
7. Name of River	Ken River		
8. Name of Village	Lahureta		
9. Tehsil	Naraini		
10. District	Banda		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	33 Ha		
13. Mineable Area (in Ha.)	26.39 Ha		
14. Zero level mRL	118 m		
15. Max. & Min mrl within lease area	119.6 – 124.5 m.		
16. Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude (N)	Longitude (E)
	Block A- 32.0 ha		
	A	25°9'38.32"	80°24'13.81"
	B	25°9'29.50"	80°24'16.17"
	C	25°9'22.43"	80°23'35.22"
	D	25°9'19.39"	80°23'24.82"
	E	25°9'34.89"	80°23'54.24"
	Block B- 1.0 ha		
	F	25°8'52.70"	80°22'54.80"
	G	25°8'49.40"	80°22'49.47"
	Water logged Area (Block A)		
	1	25°9'37.61"	80°24'10.64"

	2	25°9'32.19"	80°24'8.919"
	3	25°9'32.43"	80°23'57.59"
	4	25°9'34.56"	80°23'56.83"
	Workable Area (Block A)		
	A	25°9'38.32"	80°24'13.81"
	B	25°9'29.50"	80°24'16.17"
	C	25°9'22.43"	80°23'35.22"
	D	25°9'19.39"	80°23'24.82"
	E	25°9'34.89"	80°23'54.24"
	1	25°9'37.61"	80°24'10.64"
	2	25°9'32.19"	80°24'8.919"
	3	25°9'32.43"	80°23'57.59"
	4	25°9'34.56"	80°23'56.83"
	17. Total Geological Reserves	8,17,463m ³	
18. Total Mineable Reserves in LOI	6,60,000m ³		
19. Total Proposed Production	33,00,000 m ³		
20. Proposed Production/year	6,60,000 m ³ /Year		
21. Sanctioned Period of Mine lease	5 Years		
22. Production of mine/day	2640 m ³ /Day		
23. Method of Mining	Opencast Semi-mechanized mining		
24. No. of working days	250 days/ Year		
25. Working hours/day	12 Hours		
26. No. Of workers	58		
27. No. Of vehicles movement/day	264		
28. Type of Land	Govt. Land		
29. Ultimate Depth of Mining	2.5 m		
30. Nearest metalled road from site	1800 m		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.58	
	Suppression of dust	7.56	
	Plantation	18.59	
	Others (if any)	0.00	
	Total	26.73	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	GreencIndia Consulting Pvt Ltd. NABET/EIA/1619/RA0058 valid till 27/10/2019		
33. Any litigation pending against the project or land in any court	No		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	3682/ Khanij-30, Banda, Dated: 28 th February, 2018.		
35. Details of Lease Area in approved DSR	33.00 Hectares		
36. Length and breadth of Haul Road	Length 1800 m, Width 6.0 m		

6. 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.
7. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.

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

RESOLUTION AGAINST AGENDA NO-03

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

- 1- Pakka motorable haul road to be maintained by the project proponent.
- 2- 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.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- 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.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Approach road kaccha is to be made motorable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- 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.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 2.40 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.

- 18- 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.
- 19- 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.
- 20- 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.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

4. Proposed River Bed Sand/Morrum Mining Project at Betwa River located at Khand No.-26/3, Village - Chandwari Ghurouli, Tehsil- Sarila, District- Hamirpur, U.P., M/s New Eoan Associates, Leased Area-24.291 Ha File No. 4510/4404/Proposal No. SIA/UP/MIN/29418/2018

RESOLUTION AGAINST AGENDA NO-04

This case will take up on dated 22/10/2018.

5. Sand/Morrum mining at Gata no. 15Mi Vill: Nirbari Kachhar Tehsil Sikandara Distt: Kanpur Dehat Lease area-16.58 ha. File No. 4511/4161/Proposal No. SIA/UP/MIN/29420/2018

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

1. The environmental clearance is sought for Sand/Morrum mining at Gata no. 15Mi Vill: Nirbari Kachhar, Tehsil-Sikandara, Distt: Kanpur Dehat, U.P., (Leased area-16.58 ha).
2. Terms of reference in the matter were issued through SEIAA letter dated 25/04/2018.
3. The public hearing was organized on 28/09/2018.
4. EIA was submitted by the project proponent through letter dated 05/10/2018.
5. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/29420/2018
2. File No. allotted by SEIAA, UP	4511/ 4161
3. Name of Proponent	M/s Parth Construction & Suppliers Shri Basant Chaturvedi (Proprietor).
4. Full correspondence address of proponent and mobile no.	11 Shastri Marg, Civil Lines, Jhansi (U.P.)
5. Name of Project	Nibarri Kaachhar Sand Mining Project
6. Project location (Plot/Khasra/Gata No.)	15 mi
7. Name of River	Yamuna River
8. Name of Village	Nibri kachhar
9. Tehsil	Sikandara
10. District	District Kanpur Dehat, Uttar Pradesh

11. Name of Minor Mineral	Ordinary Sand Mining	
12. Sanctioned Lease Area (in Ha.)	16.58 Ha	
13. Mineable Area (in Ha.)	13.5 Ha	
14. Zero level mRL	109 mRL	
15. Max. & Min mrl within lease area	112.30 mRL & 109.85 mRL	
16. Pillar Coordinates (Verified by DMO)	Latitude	Longitude
	Geo coordinate of Total Area	
	A; 26°12'57.47"N	79°38'50.55"E
	B; 26°12'50.57"N	79°39'4.00"E
	C; 26°12'36.93"N	79°39'3.36"E
	D; 26°12'42.94"N	79°38'50.13"E
	Geo coordinate of Submerged Area	
	A'; 26°12'51.39"N	79°38'50.39"E
	D; 26°12'42.94"N	79°38'50.13"E
	C'; 26°12'39.17"N	79°38'58.48"E
	Geo coordinate of dry area	
	A; 26°12'57.47"N	79°38'50.55"E
	B; 26°12'50.57"N	79°39'4.00"E
	C; 26°12'36.93"N	79°39'3.36"E
	C'; 26°12'39.17"N	79°38'58.48"E
	A'; 26°12'51.39"N	79°38'50.39"E
17. Total Geological Reserves	4,78,977 m ³	
18. Total Mineable Reserves in LOI	1,98,960 m ³	
19. Total Proposed Production (in five year)	9,94,800 m ³ 14,92,200 Tonnes	
20. Proposed Production/year	1, 98, 960 cum/annum or 2, 98, 440 TPA	
21. Sanctioned Period of Mine lease	5-01-2018	
22. Production of mine/day	1193.76 TPD	
23. Method of Mining	Opencast Semi-Mechanized	
24. No. of working days	250	
25. Working hours/day	8	
26. No. Of workers	55	
27. No. Of vehicles movement/day	60	
28. Type of Land	Govt Land	
29. Ultimate Depth of Mining	1.5 m (max 3.0m)	
30. Nearest metalled road from site	NH-2A	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.55 KLD
	Suppression of dust	3.0 KLD
	Plantation	3.6 KLD
	Others (if any)	
	Total	7.15 or 7.0 kld
32. Name of QCI Accredited Consultant with QCI no and period of validity.	Cognizance Research India Pvt Ltd. 1619, validity=31-01-2019	
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. 445/upkhanij-ka.De. cluster/2018 dated. 23-03-2018	
35. Details of Lease Area in approved DSR	Page No.11 Table No. 13	
36. Proposed CSR cost	Rs-4,50,000/-	
37. Proposed EMP cost	Capital Rs-10.60 lakh & recurring cost- Rs 6.75 lakh	
38. Length and breadth of Haul Road	1400m 6 m	
39. No. of Trees to be Planted	1800/year	

6. 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.
7. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
8. 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.
9. There is no litigation pending in any court regarding this project.
10. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-05

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

- 1- Pakka motorable haul road to be maintained by the project proponent.
- 2- 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.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- 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.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Kaccha approach road is to be made motorable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- 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.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 4.50 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, Kanpur Dehat, U.P.

- 18- 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.
- 19- 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.
- 20- 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.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

6. Proposed Riverbed Sand/Morrum Mining Project from Ken River of M/s Eureka Mines and Minerals LLP located at Gata No.-747 (Khand No.- 01), Village- Pathreta, Tehsil- Kalpi, District-Jalaun, Uttar Pradesh. Sanctioned Lease Area-40.02 Ha File No. 4512 / 4384/Proposal No. SIA/UP/MIN/29419/2018

RESOLUTION AGAINST AGENDA NO-06

This case will take up on dated 22/10/2018.

7. Proposed River Bed Sand/Morrum Mining Project at Betwa River located at Khand No.-23/19, Village-Bhedi Kharka, Tehsil-Sarila, District- Hamirpur, U.P., M/s Harihar Minerals LLP, Leased Area-12.145 Ha File No. 4513/4406/Proposal No. SIA/UP/MIN/29422/2018

RESOLUTION AGAINST AGENDA NO-07

This case will take up on dated 22/10/2018.

8. Sand/Morrum Mine on Ken River at Khand No.- 4881, 4880, 4834, 4824 Kha, Village- Durendi, Tehsil- Banda, District- Banda, U.P., Shri Rajkumar Gupta, Lease Area: 27.0 ha, File No. 4180/Proposal No. SIA/UP/MIN/23031/2018

A presentation was made by the project proponent alongwith 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 Sand/Morrum Mine on Ken River at Khand No.- 4881, 4880, 4834, 4824 Kha, Village- Durendi, Tehsil- Banda, District- Banda, U.P., (Leased Area: 27.00.00 ha).
2. Terms of reference in the matter were issued through SEIAA letter dated 11/07/2018.
3. The public hearing was organized on 11/09/2018.
4. EIA was submitted by the project proponent through letter dated 05/10/2018.
5. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/23031/2018		
2. File No. allotted by SEIAA, UP	4180		
3. Name of Proponent	Shri Rajkumar Gupta		
4. Full correspondence address of proponent and mobile no.	S/o- Shri S.K.Gupta R/o-Kuncha Paremeshwaridas, Mistarganj, Tehsil- Sadar District- Rampur, Uttar Pradesh		
5. Name of Project	Durendi (area 27 ha sand/morrum mine) on Ken river		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 4881, 4880, 4834, 4824 Kha Village – Durendi, Tehsil – Banda, District – Banda Uttar Pradesh.		
7. Name of River	Ken River		
8. Name of Village	Durendi		
9. Tehsil	Banda		
10. District	Banda		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	27 Ha		
13. Mineable Area (in Ha.)	21.6 Ha.		
14. Zero level mRL	100 m		
15. Max. & Min mrl within lease area	106.5-103.5 m.		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	25° 26' 37.461” N	80° 17' 49.599” E
	B	25° 26' 39.14” N	80° 18' 07.849” E
	C	25° 26' 12.36” N	80° 17' 50.82” E
	D	25° 26' 13.003” N	80° 17' 47.256” E
17. Total Geological Reserves	8,38,582m ³		
18. Total Mineable Reserves in LOI	5,40,000m ³		
19. Total Proposed Production	27,00,000 m ³		
20. Proposed Production/year	5,40,000 m ³ /Year		
21. Sanctioned Period of Mine lease	5 Years		
22. Production of mine/day	2160 m ³ /Day		
23. Method of Mining	Opencast Semi-mechanized mining		
24. No. of working days	250 days/ Year		
25. Working hours/day	12 Hours		
26. No. Of workers	58		
27. No. Of vehicles movement/day	216		
28. Type of Land	Govt. Land		
29. Ultimate Depth of Mining	2.5 m		
30. Nearest metalled road from site	1300 m		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.58	
	Suppression of dust	6.24	
	Plantation	9.60	
	Others (if any)	0.00	
	Total	16.42	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	GreencIndia Consulting Pvt Ltd. NABET/EIA/1619/RA0058 valid till 27/10/2019		
33. Any litigation pending against the project or land in any court	No		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	39/ Khanij-30, Banda, Dated: 4 th April, 2018.		
35. Details of Lease Area in approved DSR	27.00 Hectares		
36. Length and breadth of Haul Road	Length 100 m, Width 6.0 m		

6. 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.
7. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
8. 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.
9. There is no litigation pending in any court regarding this project.
10. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-08

The committee discussed the matter and recommended 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- Pakka motorable haul road to be maintained by the project proponent.
- 2- 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.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- 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.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Kaccha approach road is to be made motorable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- 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.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 1.40 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.

- 18- 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.
- 19- 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.
- 20- 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.
- 21- Width of the haul road shall be more than 6 meter.
- 22- 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.

9. Sand/Morrum Mine on Betwa River at Khand No.- 01, Village- Erach Tehsil- Garautha, District- Jhansi, U.P., M/s Ambey Suppliers Pvt. Ltd., Sanctioned Lease Area: 40.468 ha File No. 4514 / 4177/Proposal No. SIA/UP/MIN/29426/2018

A presentation was made by the project proponent alongwith 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 Sand/Morrum Mine on Betwa River at Khand No.- 01, Village- Erach Tehsil- Garautha, District- Jhansi, U.P., (Sanctioned Lease Area: 40.468 ha), M/s Ambey Suppliers Pvt. Ltd.
2. Terms of reference in the matter were issued through SEIAA letter dated 14/05/2018.
3. The public hearing was organized on 18/09/2018.
4. EIA was submitted by the project proponent through letter dated 05/10/2018.
5. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/23027/2018		
2. File No. allotted by SEIAA, UP	4177		
3. Name of Proponent	M/S Ambey Suppliers Pvt. Ltd.		
4. Full correspondence address of proponent and mobile no.	W-21, First Floor, Rajauri Garden, Delhi-110027		
5. Name of Project	Erach (Khand No. 01) Sand/Morrum Mine On Betwa River		
6. Project location (Plot/Khasra/Gata No.)	Khand No 01 Erach, Garautha, Jhansi, Uttar Pradesh		
7. Name of River	Betwa River		
8. Name of Village	Erach		
9. Tehsil	Garautha		
10. District	Jhansi		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	40.468 Hectares		
13. Mineable Area (in Ha.)	40.468 Ha.		
14. Zero level mRL	140m		
15. Max. & Min mrl within lease area	142 to 143.3 mRL		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	25° 49' 14.06" N	79° 05' 57.77" E
	B	25° 49' 21.35" N	79° 05' 56.23" E

	C	25° 49' 27.95" N	79° 06' 25.04" E
	D	25° 49' 29.38" N	79° 06' 51.08" E
	E	25° 49' 22.23" N	79° 07' 01.60" E
	F	25° 49' 13.99" N	79° 06' 58.32" E
	G	25° 49' 21.71" N	79° 06' 48.71" E
	H	25° 49' 20.69" N	79° 06' 42.68" E
	I	25° 49' 17.12" N	79° 06' 07.32" E
17. Total Geological Reserves	12,01,028 m ³		
18. Total Mineable Reserves in LOI	2,03,000 m ³ per year		
19. Total Proposed Production	10,15,000m ³		
20. Proposed Production/year	2,03,000 m ³		
21. Sanctioned Period of Mine lease	5 Years		
22. Production of mine/day	812 m ³ /Day		
23. Method of Mining	Opencast Semi-mechanized mining		
24. No. of working days	250 days/ Year		
25. Working hours/day	12 Hours		
26. No. Of workers	58		
27. No. Of vehicles movement/day	82		
28. Type of Land	Govt. Land		
29. Ultimate Depth of Mining	0.7 m		
30. Nearest metalled road from site	1000 m		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.58
	Suppression of dust		4.20
	Plantation		16.42
	Others (if any)		0.00
	Total		21.20
32. Name of QCI Accredited Consultant with QCI No and period of validity.	GreencIndia Consulting Pvt Ltd. NABET/EIA/1619/RA0058 valid till 27/10/2019		
33. Any litigation pending against the project or land in any court	No		
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	782/ 30-MMC/(2018-19), Dated: 4 th July, 2018.		
35. Details of Lease Area in approved DSR	40.468 Hectares		
36. Length and breadth of Haul Road	Length 1000 m, Width 6.0 m		

6. 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.
7. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
8. 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.
9. There is no litigation pending in any court regarding this project.
10. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-09

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- Pakka motorable haul road to be maintained by the project proponent.

- 2- 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.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- 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.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Kaccha approach road is to be made motarable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- 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.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 2.60 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, Jhansi, U.P.
- 18- 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.
- 19- 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.
- 20- 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.
- 21- Width of the haul road shall be more than 6 meter.
- 22- 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.

10. Proposed Sand/Morrum Mining Project in Yamuna River at Khand No.- R.K. 1A,(Gata No.-Part of 144 etc, 40, 36, 32, 68, 5) , Village- Ramnagar Kauhan, Tehsil- Fatehpur, District- Fatehpur, U.P., M/s Devyash Projects & Infra- Structure Pvt. Ltd, (Sanctioned Lease Area: 34.81 Ha). File No. 4515 / 4198/Proposal No. SIA/UP/MIN/29427/2018

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

1. The environmental clearance is sought for Sand/Morrum Mining Project in Yamuna River at Khand No.- R.K. 1A, (Gata No.-Part of 144 etc, 40, 36, 32, 68, 5) , Village- Ramnagar Kauhan, Tehsil- Fatehpur, District- Fatehpur, U.P., (Sanctioned Lease Area: 34.81 Ha), M/s Devyash Projects & Infra- Structure Pvt. Ltd.
2. Terms of reference in the matter were issued through SEIAA letter dated 11/07/2018.
3. The public hearing was organized on 26/09/2018.
4. EIA was submitted by the project proponent through letter dated 05/10/2018.
5. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/23823/2018														
2. File No .allotted by SEIAA,UP	4198														
3. Name of Proponent	M.D.- Shri Sanjay Tyagi S/o Shri Devdutt Tyagi M/s Devyash Projects & Infra- Structure Pvt. Ltd.														
4. Full correspondence address of proponent and mobile no.	Add.- E-W-2 Miyanwali Nagar, Pashchim Vihar, District- New Delhi Mob-														
5. Name of Project	Sand/Morrum Mining Project														
6. Project location (Plot/ Khasra /Gata No.)	Khand No. R. K.1A (Gata No.- Part of 144 etc, 40, 36, 32, 68, 5)														
7. Name of River	Yamuna														
8. Name of Village	Ramnagar Kauhan														
9. Tehsil	Fatehpur														
10.District	Fatehpur														
11. Name of Minor Mineral	Sand/Morrum Mining Project														
12. Sanctioned Lease Area (in Ha.)	34.81 ha														
13. Mineable Area (in Ha.)	33.39 ha														
14.Zero level mRL	84.0 mRL														
15.Max.& Min mrl within lease area	93.0 mRL- 86.0 mRL														
16.Pillar Coordinates(Verified by OMO)	25°40'48.49"N to 25°41'00.19"N 80°52'06.26"E to 80°53'06.15"E														
17.Total Geological Reserves	12,18,350 m ³														
18.Total Mineable Reserves in LOI	7,15,474 m ³														
19.Total Proposed Production (in five year)	34,81,000 m ³														
20.Proposed Production for 5 years	<table border="1"> <thead> <tr> <th>Year</th><th>Production</th></tr> </thead> <tbody> <tr> <td>1st</td><td>6,96,200 m³ Annum</td></tr> <tr> <td>2nd</td><td>6,96,200 m³ Annum</td></tr> <tr> <td>3rd</td><td>6,96,200 m³ Annum</td></tr> <tr> <td>4th</td><td>6,96,200 m³ Annum</td></tr> <tr> <td>5th</td><td>6,96,200 m³ Annum</td></tr> <tr> <td>Total</td><td>34,81,000 m³</td></tr> </tbody> </table>	Year	Production	1 st	6,96,200 m ³ Annum	2 nd	6,96,200 m ³ Annum	3 rd	6,96,200 m ³ Annum	4 th	6,96,200 m ³ Annum	5 th	6,96,200 m ³ Annum	Total	34,81,000 m ³
Year	Production														
1 st	6,96,200 m ³ Annum														
2 nd	6,96,200 m ³ Annum														
3 rd	6,96,200 m ³ Annum														
4 th	6,96,200 m ³ Annum														
5 th	6,96,200 m ³ Annum														
Total	34,81,000 m ³														
21.Sanctioned Period of Mine lease	5 Years														
22.Production of mine/day	3094 m ³														
23.Method of Mining	Opencast Semi-Mechanized														
24.No.of working days	225 days														

25. Working hours/day	8 Hours/Day												
26. No. Of workers	56												
27. No. Of vehicle movement /day	258												
28. Type of Land	Govt. land Non Agriculture												
29. Ultimate Depth of Mining	2.40 Meter												
30. Nearest metalled road from site	1.0 km												
31. Water Requirement	<table border="1"> <thead> <tr> <th>PURPOSE</th><th>REQUIREMENT (KLD)</th></tr> </thead> <tbody> <tr> <td>Drinking</td><td>0.56</td></tr> <tr> <td>Suppression of dust</td><td>6.00</td></tr> <tr> <td>Plantation</td><td>2.03</td></tr> <tr> <td>Others(if any)</td><td>-----</td></tr> <tr> <td>Total</td><td>8.59</td></tr> </tbody> </table>	PURPOSE	REQUIREMENT (KLD)	Drinking	0.56	Suppression of dust	6.00	Plantation	2.03	Others(if any)	-----	Total	8.59
PURPOSE	REQUIREMENT (KLD)												
Drinking	0.56												
Suppression of dust	6.00												
Plantation	2.03												
Others(if any)	-----												
Total	8.59												
32. Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development)., Lucknow, U.P. QCI/NABET/EIA/ACO/18/0719 Validity- 30 th October 2018												
33. Any litigation pending against the project or land in any court	No												
34. Details of 500 m Cluster Map & certificate Verified by Mining Officer	Letter No. 267/30-Khanij (2017-18), dated 13, February 2018												
35. Details of Lease Area in approved DSR	Page No. 8, Table No. 1, S.No. 28												
36. Proposed CER cost	3.40 Lakh												
37. Proposed EMP cost	6.80 Lakh												
38. Length and breadth of Haul Road.	Length-1.0 Km, Width- More than 6.0 m												
39. No. of Trees to be Planted	507												

6. 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.
7. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
8. 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.
9. There is no litigation pending in any court regarding this project.
10. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-10

The committee discussed the matter and recommended 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- Pakka motorable haul road to be maintained by the project proponent.
- 2- 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.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- 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.
- 7- Provision for cylinder to workers should be made for cooking.

- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Kaccha approach road is to be made motarable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- 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.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 3.40 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, Fatehpur, U.P.
- 18- 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.
- 19- 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.
- 20- 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.
- 21- Width of the haul road shall be more than 6 meter.
- 22- 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.

11. Proposed Sand/Morrum Mining Project at Khand No.- A-11 ,(Gata No.-250 Mi, 249 239 Mi, 240 Mi, 241 Mi, 227 Mi, 229 Mi, 219 Mi, 212 Mi, 220 Mi, 225, 222, 221, 224, 223, 226, 244, 245, 242, Part of 252, 253, 256, Part of 251, 243, 246, 248, 247), Village- Adhawal, Tehsil- Fatehpur, District- Fatehpur, U.P., (Sanctioned Lease Area: 40.48 Ha.), M/s Classic Infraventures L.L.P., File No. 4516 / 4197/Proposal No. SIA/UP/MIN/29429/2018

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

1. The environmental clearance is sought for Sand/Morrum Mining Project at Khand No.- A-11, (Gata No.-250 Mi, 249 239 Mi, 240 Mi, 241 Mi, 227 Mi, 229 Mi, 219 Mi, 212 Mi, 220 Mi, 225, 222, 221, 224, 223, 226, 244, 245, 242, Part of 252, 253, 256, Part of 251, 243, 246, 248, 247), Village- Adhawal, Tehsil- Fatehpur, District- Fatehpur, U.P., (Sanctioned Lease Area: 40.48 Ha.), M/s Classic Infraventures L.L.P.
2. Terms of reference in the matter were issued through SEIAA letter dated 11/07/2018.
3. The public hearing was organized on 26/09/2018.
4. EIA was submitted by the project proponent through letter dated 05/10/2018.
5. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/23807/2018														
2. File No .allotted by SEIAA,UP	4197														
3. Name of Proponent	M.D.- Shri Manoj Kumar Yadav S/o Shri Raghu Nandan M/s Classic Infra Ventures L.L.P.														
4. Full correspondence address of proponent and mobile no.	Add.- B-2078, B- Block, Indira Nagar, Lucknow, U.P. Mob-														
5. Name of Project	Sand/Morrum Mining Project														
6. Project location (Plot/ Khasra /Gata No.)	Khand No.- A-11 (Gata No.- 250Mi, 249, 239Mi, 240Mi, 241Mi, 227Mi, 229Mi, 219Mi, 212Mi, 220Mi, 225, 222, 221, 224, 223, 226, 244, 245, 242, Part of 252, 253, 256, Part of 251, 243, 246, 248, 247)														
7. Name of River	Yamuna														
8. Name of Village	Adhawal														
9. Tehsil	Fatehpur														
10.District	Fatehpur														
11. Name of Minor Mineral	Sand/Morrum Mining Project														
12. Sanctioned LeaseArea (inHa.)	40.48 ha														
13. Mineable Area (in Ha.)	37.98 ha														
14.Zero level mRL	84.0 mRL														
15.Max.&Min mrl within lease area	93.0 mRL- 88.0 mRL														
16.Pillar Coordinates(Verified by OMO)	25°49'50.73"N to 25°50'10.89"N 80°28'39.61"E to 80°29'12.49"E														
17.Total Geological Reserves	14,16,800 m ³														
18.Total Mineable Reserves in LOI	8,47,980 m ³														
19.Total Proposed Production (in five year)	40,48,000 m ³														
20.Proposed Production for 5 years	<table border="1"> <thead> <tr> <th>Year</th><th>Production</th></tr> </thead> <tbody> <tr> <td>1st</td><td>8,09,600 m³ Annum</td></tr> <tr> <td>2nd</td><td>8,09,600 m³ Annum</td></tr> <tr> <td>3rd</td><td>8,09,600 m³ Annum</td></tr> <tr> <td>4th</td><td>8,09,600 m³ Annum</td></tr> <tr> <td>5th</td><td>8,09,600 m³ Annum</td></tr> <tr> <td>Total</td><td>40,48,000 m³</td></tr> </tbody> </table>	Year	Production	1 st	8,09,600 m ³ Annum	2 nd	8,09,600 m ³ Annum	3 rd	8,09,600 m ³ Annum	4 th	8,09,600 m ³ Annum	5 th	8,09,600 m ³ Annum	Total	40,48,000 m ³
Year	Production														
1 st	8,09,600 m ³ Annum														
2 nd	8,09,600 m ³ Annum														
3 rd	8,09,600 m ³ Annum														
4 th	8,09,600 m ³ Annum														
5 th	8,09,600 m ³ Annum														
Total	40,48,000 m ³														
21.Sanctioned Period of Mine lease	5 Years														
22.Production of mine/day	3598 m ³														
23.Method of Mining	Opencast Semi-Mechanized														
24.No.of working days	225 days														
25.Working hours/day	8 Hours/Day														
26.No.Of workers	59														
27.No.Of vehicle movement /day	300														
28.Type of Land	Govt. land Non Agriculture														
29.Ultimate Depth of Mining	2.50 Meter														

30. Nearest metalled road from site	0.3 km	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.60
	Suppression of dust	3.60
	Plantation	1.20
	Others(if any)	-----
	Total	5.40
32. Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development)., Lucknow, U.P. QCI/NABET/EIA/ACO/18/0719 Validity- 30 th October 2018	
33. Any litigation pending against the project or land in any court	No	
34. Details of 500 m Cluster Map & certificate Verified by Mining Officer	Letter No. 266/30-Khanij (2017-18), dated 13, February 2018	
35. Details of Lease Area in approved DSR	Page No. 7, Table No. 1, S.No. 11	
36. Proposed CER cost	3.70 Lakh	
37. Proposed EMP cost	4.55 Lakh	
38. Length and breadth of Haul Road.	Length-0.30 Km, Width- More than 6.0 meter	
39. No. of Trees to be Planted	302	

6. 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.
7. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
8. 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.
9. There is no litigation pending in any court regarding this project.
10. 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- Pakka motorable haul road to be maintained by the project proponent.
- 2- 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.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- 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.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.

- 10- Kaccha approach road is to be made motarable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- 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.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 3.70 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, Fatehpur, U.P.
- 18- 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.
- 19- 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.
- 20- 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.
- 21- Width of the haul road shall be more than 6 meter.
- 22- 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. Sand/Moram Mining on Betwa River at Khasra No.- 9/2, Village- Kandaure, Tehsil- Hamirpur, District- Hamirpur, U.P., M/s A D Agro Foods Pvt. Ltd., (Leased Area-29.149 Ha) File No. 4517 / 4088/Proposal No. SIA/UP/MIN/29439/2018

A presentation was made by the project proponent alongwith 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 Sand/Moram Mining on Betwa River at Khasra No.- 9/2, Village- Kandaure, Tehsil- Hamirpur, District- Hamirpur, U.P., (Leased Area-29.149 Ha), M/s A D Agro Foods Pvt. Ltd.
2. Terms of reference in the matter were issued through SEIAA letter dated 11/04/2018.
3. The public hearing was organized on 14/09/2018.
4. EIA was submitted by the project proponent through letter dated 06/10/2018.
5. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/29439/2018		
2. File No. allotted by SEIAA, UP	4517/4088		
3. Name of Proponent	M/s A.D. Agro Foods Pvt. Ltd		
4. Full correspondence address of proponent and mobile no.	R/o-2 B Sagar Matha Apartment 18 M.G. Road Indore (M.P.)		
5. Name of Project	Kandaur (area 29.149 ha) Sand/Morrum Mine on Betwa river		
6. Project location (Plot/Khasra/Gata No.)	Khand No 9/2, Village – Kandaur, Tehsil- Hamirpur, District- Hamirpur, Uttar Pradesh.		
7. Name of River	Betwa River		
8. Name of Village	Kandaur		
9. Tehsil	Hamirpur		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	29.149 Ha		
13. Mineable Area (in Ha.)	23.32 Ha.		
14. Zero level mRL	87m		
15. Max. & Min mrl within lease area	104 - 88 m.		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Lease Area (29.149 Ha)		
	Points	Latitude	Longitude
	A	25°52'39.85''N	79°59'26.33''E
	B	25°52'56.01''N	79°59'34.04''E
	C	25°52'49.06''N	79°59'51.13''E
	D	25°52'32.62''N	79°59'46.38''E
	Total Submerged Area (5.83 Ha)		
	A	25°52'39.85''N	79°59'26.33''E
	B1	25°52'45.30"N	79°59'29.07"E
	C1	25°52'37.40"N	79°59'51.04"E
	D	25°52'32.62''N	79°59'46.38''E
	Total Workable Area (23.32 Ha)		
	B	25°52'56.01''N	79°59'34.04''E
	C	25°52'49.06''N	79°59'51.13''E
	C1	25°52'37.40"N	79°59'51.04"E
	B1	25°52'45.30"N	79°59'29.07"E
17. Total Geological Reserves	8,65,146m ³		
18. Total Mineable Reserves in LOI	4,66,330 m ³		
19. Total Proposed Production	23,31,650 m ³		
20. Proposed Production/year	4,66,330 m ³ /Year		
21. Sanctioned Period of Mine lease	5 Years		
22. Production of mine/day	1865 m ³ /Day		
23. Method of Mining	Opencast Semi-mechanized mining		
24. No. of working days	250 days/ Year		
25. Working hours/day	12 Hours		
26. No. Of workers	81		
27. No. Of vehicles movement/day	203		
28. Type of Land	Govt. Land		
29. Ultimate Depth of Mining	2 m		
30. Nearest metallad road from site	1066 m		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.81	
	Suppression of dust	9.60	
	Plantation	10.80	
	Others (if any)	0.00	
	Total	21.21	

32. Name of QCI Accredited Consultant with QCI No and period of validity.	GreencIndia Consulting Pvt Ltd. NABET/EIA/1619/RA0058 valid till 27/10/2019
33. Any litigation pending against the project or land in any court	No
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	1134/ Khanij-M.M.C-TEES-VIVID (2017-18) Dated: 30 th January, 2018.
35. Details of Lease Area in approved DSR	29.149 Hectares
36. Length and breadth of Haul Road	Length 2000 m, Width 6.0 m

6. 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.
7. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
8. 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.
9. There is no litigation pending in any court regarding this project.
10. 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 1 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:

- 1- Any temporary bridge (if required) may be constructed with the prior permission of competent authority.
- 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- Kaccha approach road 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 shall review midterm conditions of Environmental Clearance.
- 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. 2.40 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, Hamirpur, U.P.
- 19- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 20- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 21- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 22- Width of the haul road shall be more than 6 meter.
- 23- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

13. Sand/Morrum Mine on the Betwa River for M/s Kuber Kamna Marbels Pvt. Ltd. at Gata No.- 596, Khand No.-02, (Area- 16.194 Ha), Village-Basrehi, Tehsil- Kalpi, District- Jalaun, U.P., File No. 4518 / 4300/Proposal No. SIA/UP/MIN/29440/2018

A presentation was made by the project proponent alongwith 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 Sand/Morrum Mining on the Betwa River at Gata No.- 596, Khand No.-02, Village-Basrehi, Tehsil- Kalpi, District- Jalaun, U.P., (Leased Area- 16.194 Ha), M/s Kuber Kamna Marbels Pvt. Ltd.
2. Terms of reference in the matter were issued through SEIAA letter dated 27/07/2018.
3. The public hearing was organized on 19/09/2018.
4. EIA was submitted by the project proponent through letter dated 06/10/2018.
5. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/29440/2018
2. File No. allotted by SEIAA, UP	4518/4300
3. Name of Proponent	M/s Kuber Kamna Marbles Private Limited
4. Full correspondence address of proponent and mobile no.	312- Ganapati Plaza, M.I. road, Jaipur, Rajasthan
5. Name of Project	Basrehi Sand/ Morrum Mining Project On Betwa River

6. Project location (Plot/Khasra/Gata No.)	Gata 596, Khand 2, Village – Basrehi, Tehsil- Kalpi, District- Jalaun, State- Uttar Pradesh.		
7. Name of River	Betwa		
8. Name of Village	Basrehi		
9. Tehsil	Kalpi		
10. District	Jalaun		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	16.194 Ha		
13. Mineable Area (in Ha.)	16.194 Ha		
14. Zero level mRL	90 m		
15. Max. & Min mrl within lease area	94-91 m		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	25°52'51.89"N	79°45'57.36"E
	B	25°52'43.29"N	79°46'04.70"E
	C	25°52'34.93"N	79°46'53.36"E
	D	25°52'46.61"N	79°45'45.84"E
	E	25°52'49.98"N	79°45'45.85"E
17. Total Geological Reserves	4,69,320 m ³ As per mine plan		
18. Total Mineable Reserves in LOI	2,42,910 m ³ / year		
19. Total Proposed Production	12,10,950 m ³		
20. Proposed Production/year	2,42,910 m ³ / year		
21. Sanctioned Period of Mine lease	5 Years		
22. Production of mine/day	579 m ³ /Day		
23. Method of Mining	Opencast Semi-mechanized mining		
24. No. of working days	250 days/ Year		
25. Working hours/day	12 Hours		
26. No. Of workers	58		
27. No. Of vehicles movement/day	108		
28. Type of Land	Govt. Land		
29. Ultimate Depth of Mining	2 m from surface.		
30. Nearest metalled road from site	1,300 m		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.58	
	Suppression of dust	6.8	
	Plantation	4.2	
	Others (if any)	0.0	
	Total	11.58	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	GreenCIndia Consulting Pvt. Ltd. NABET/EIA/1619/RA 0058 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	1079/ Khanij MMC-30 Dated: 24, march,2018		
35. Details of Lease Area in approved DSR	Page No. 54, Point No. 51		
36. Proposed CSR cost	3,00,000/-		
37. Proposed EMP cost	5,14,400/-		
38. Length and breadth of Haul Road	Length 1300 m, width 6.0 m		

6. 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.
7. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
8. 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.

9. There is no litigation pending in any court regarding this project.
10. 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 1 & 2 to these minutes regarding mining project. The committee also stipulated following specific conditions:

- 1- Pakka motorable haul road to be maintained by the project proponent.
- 2- 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.
- 3- Permission from the competent authority regarding evacuation route should be taken.
- 4- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 5- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 6- 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.
- 7- Provision for cylinder to workers should be made for cooking.
- 8- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 9- Provide suitable mask to the workers.
- 10- Kaccha approach road is to be made motarable and tree saplings to be planted on both sides of the road.
- 11- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 12- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer shall review midterm conditions of Environmental Clearance.
- 13- Provision for two toilets and hand pumps should be made at mining site.
- 14- Drinking water for workers would be provided by tankers.
- 15- 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.
- 16- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 17- Corporate Environmental Responsibility (CER) plan with minimum Rs. 3.0 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, Jalaun, U.P.

- 18- 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.
- 19- 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.
- 20- 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.
- 21- Width of the haul road shall be more than 6 meter.
- 22- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

(Dr. Sarita Sinha)
Member

(Dr. Arvind Mathur)
Member

(Dr. Virendra Misra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Dr. Richhpal Singh Sangu)
Member

(Prof. D.P. Singh)
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.