

Minutes of 366th SEAC Meeting Date 22/10/2018

The 366th meeting of SEAC was held in Directorate of Environment, U.P. on 22/10/2018 following members were present in the SEAC:

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|----|---------------------------|----------|
| 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 366th SEAC meeting.

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

1. Sand/Morrum Mine on Betwa River for M/s A D Foods Pvt. Ltd., located at Khand No.-10/19, Village- Beri, Tehsil & District- Hamirpur, U.P.,(Leased Area-12.145 Ha) File No. 4519 / 4114/Proposal No. SIA/UP/MIN/29435/2018

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 Betwa River at Khand No.- 10/19, Village- Beri, Tehsil & District- Hamirpur, U.P., (Leased Area-12.145 Ha), M/s A D 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/29435/2018
2. File No. allotted by SEIAA, UP	4519/4114
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	Beri (area 12.145 ha sand/morrum mine) on Betwa river
6. Project location (Plot/Khasra/Gata No.)	Khand no 10/19, Village - Beri, Tehsil- Hamirpur, District- Hamirpur of Uttar Pradesh.
7. Name of River	Betwa River
8. Name of Village	Beri
9. Tehsil	Hamirpur
10. District	Hamirpur
11. Name of Minor Mineral	Sand/Morrum

12. Sanctioned Lease Area (in Ha.)	12.145 Hectares		
13. Mineable Area (in Ha.)	9.715 Ha.		
14. Zero level mRL	87 m		
15. Max. & Min mrl within lease area	90-88 m.		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	25°52'40.96"N	79°54'49.51"E
	B	25°52'19.04"N	79°54'51.71"E
	C	25°52'21.10"N	79°54'58.99"E
	D	25°52'38.88"N	79°54'56.79"E
17. Total Geological Reserves	3,60,900m ³		
18. Total Mineable Reserves in LOI	1,94,304m ³		
19. Total Proposed Production	9,71,520m ³		
20. Proposed Production/year	1,94,304m ³ /Year		
21. Sanctioned Period of Mine lease	5 Years		
22. Production of mine/day	777 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	50		
27. No. Of vehicles movement/day	78		
28. Type of Land	Govt. Land		
29. Ultimate Depth of Mining	2.1 m		
30. Nearest metalled road from site	2000 m		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.50	
	Suppression of dust	9.60	
	Plantation	7.30	
	Others (if any)	0.00	
	Total	17.40	
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	1135/ Khanij-M.M.C-TEES-VIVID (2017-18), Dated: 30 th January, 2018.		
35. Details of Lease Area in approved DSR	12.145 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-01

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

- 1- No mining activity should be carried out in-stream channel as per SSMMG, 2016.
- 2- Pakka motorable haul road to be maintained by the project proponent.
- 3- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 4- Permission from the competent authority regarding evacuation route should be taken.
- 5- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 6- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 7- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 8- Provision for cylinder to workers should be made for cooking.
- 9- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 10- Provide suitable mask to the workers.
- 11- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 12- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 13- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
- 14- Provision for two toilets and hand pumps should be made at mining site.
- 15- Drinking water for workers would be provided by tankers.
- 16- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 17- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 18- Corporate Environmental Responsibility (CER) plan with minimum Rs. 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, Hamirpur, U.P.
- 19- Health/Insurance card, Medical claim, regular health check-up camps, facilities shall be provided to the regular/temporary/Contractual or any base workers. Copy of receipt shall be produced to the Directorate of Environment along with the compliance report.
- 20- Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
- 21- The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
- 22- Width of the haul road shall be more than 6 meter.
- 23- Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

2. Sand/Morrum Mine Project from Ken River for M/s Khare Traders, located at Khasra No.-30/10, Village- Bhulsi, Tehsil- Maudaha, District- Hamirpur, U.P., Lease Area: 20.242 ha. File No. 4265/Proposal No. SIA/UP/MIN/25872/2018

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 Project from Ken River at Khasra No.-30/10, Village-Bhulsi, Tehsil-Maudaha, District-Hamirpur, U.P., (Lease Area: 20.242 ha.) M/s Khare Traders.
2. Terms of reference in the matter were issued through SEIAA letter dated 11/07/2018.
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:

5. Salient features of the project as submitted by the project proponent.

1. On-line proposal No.	SIA/UP/MIN/25872/2018		
2. File No. allotted by SEIAA, UP	4265		
3. Name of Proponent	M/S. Khare Traders		
4. Full correspondence address of proponent and mobile no.	1077 Opposite Babulal Karkhana, Gwalior Road, Jhansi. U.P.		
5. Name of Project	Bhulsi (Khand 30/10) Sand/Morrum Mine		
6. Project location (Plot/Khasra/Gata No.)	Khand - 30/10, Village – Bhulsi, Tehsil – Maudaha, District – Hamirpur, State- Uttar Pradesh		
7. Name of River	Ken River		
8. Name of Village	Bhulsi		
9. Tehsil	Maudaha		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha)	20.242 Hectares		
13. Mineable Area (in Ha.)	11.549 Ha.		
14. Zero level mRL	90m		
15. Max. & Min mRL within lease area	99.0 mRL to 94.0mRL		
16. Pillar Coordinates (Verified by DMO)	BOUNDARY CO-ORDINATE OF LEASE AREA		
	Points	Latitude	Longitude
	A	25°39'51.92"N	80°18'49.07"E
	B	25°39'56.24"N	80°18'57.86"E
	C	25°39'29.28"N	80°19'05.44"E
	D	25°39'27.46"N	80°18'57.19"E
	Co-ordinates of Submerged Lease Area under Water		
	Points	Latitude	Longitude
	I	25°39'54.25"N	80°18'53.73"E
	B	25°39'56.24"N	80°18'57.86"E
	C	25°39'29.28"N	80°19'5.44"E
	E	25°39'28.64"N	80°19'2.40"E
	F	25°39'32.39"N	80°19'2.86"E
	G	25°39'47.01"N	80°18'58.72"E
	H	25°39'46.82"N	80°18'55.68"E
	Workable Area Co-ordinates		
	Points	Latitude	Longitude
	A	25°39'51.92"N	80°18'49.07"E
	I	25°39'54.25"N	80°18'53.73"E
	H	25°39'46.82"N	80°18'55.68"E

	G	25°39'47.01"N	80°18'58.72"E
	F	25°39'32.39"N	80°19'2.86"E
	E	25°39'28.64"N	80°19'2.40"E
	D	25°39'27.46"N	80°18'57.19"E
17. Total Geological Reserves	6,50,000 m ³		
18. Total Mineable Reserves in LOI	3,23,840 m ³		
19. Total Proposed Production	16,19,200 m ³		
20. Proposed Production/year	3,23,840 m ³		
21. Sanctioned Period of Mine lease	5 Years		
22. Production of mine/day	1,295 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	90		
27. No. Of vehicles movement/day	144		
28. Type of Land	Govt. Land		
29. Ultimate Depth of Mining	3.0 m		
30. Nearest metalled road from site	1000 m		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.90	
	Suppression of dust	4.80	
	Plantation	7.44	
	Others (if any)	0.00	
	Total	13.14	
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	37/ Khanij-MMC-30, bibid(2017-18), Dated: 7 th April, 2018.		
35. Details of Lease Area in approved DSR	20.242 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-02

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

- 1- No mining activity should be carried out in-stream channel as per SSMMG, 2016.
- 2- Pakka motorable haul road to be maintained by the project proponent.

- 3- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 4- Permission from the competent authority regarding evacuation route should be taken.
- 5- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 6- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 7- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 8- Provision for cylinder to workers should be made for cooking.
- 9- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 10- Provide suitable mask to the workers.
- 11- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 12- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 13- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
- 14- Provision for two toilets and hand pumps should be made at mining site.
- 15- Drinking water for workers would be provided by tankers.
- 16- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 17- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 18- Corporate Environmental Responsibility (CER) plan with minimum Rs. 1.80 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.

3. Baipur Ehatmali Ordinary Sand Mining Project Plot/khasra No.- 32 Village- Baipur Ehatmali, Tehsil-Sadar, District-Agra U.P. File No. 4470/Proposal No.SIA/UP/MIN/77704/2018

RESOLUTION AGAINST AGENDA NO-03

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.

4. Proposed Riverbed Sand/Morrum Mining Project from Betwa River of M/s Pratap Corporation located at Khand No.- 9, Village - Badera Khalsa, Tehsil - Sarila, District - Hamirpur, Uttar Pradesh. Sanctioned Lease Area - 24.291 ha. File No. 4472/Proposal No. SIA/UP/MIN/77680/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV DAS (I) 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.- 9, Village - Badera Khalsa, Tehsil - Sarila, District - Hamirpur, Uttar Pradesh. (Sanctioned Lease Area - 24.291), M/s Pratap Corporation.
2. Salient features of the project as submitted by the project proponent:

2. Salient features of the project as submitted by the project proponent.																					
1. On-line proposal No.	SIA/UP/MIN/77680/2018																				
2. File No. allotted by SEIAA, UP	4472																				
3. Name of Proponent	M/s Pratap Corporation Authorized Signatory- Shri Pratap Singh Tomar																				
4. Full correspondence address of proponent and mobile no.	M/s Pratap Corporation Proprietor- Shri Pratap Singh Tomar S/o Shri Hakim Singh Tomar H.No. D1, Fort Enclave, Near Koteswar Mandir, Vinay Nagar, District -Gwalior, M.P.																				
5. Name of Project	Sand/Morrum Mining																				
6. Project location (Plot/Khasra/Gata No.)	Khand No. 9																				
7. Name of River	Betwa																				
8. Name of Village	Badera Khalsa,																				
9. Tehsil	Sarila																				
10. District	Hamirpur																				
11. Name of Minor Mineral	Sand/Morrum																				
12. Sanctioned Lease Area (in ha)	24.291ha																				
13. Mineable Area (in ha)	24.291ha																				
14. Zero level mRL	107 mRL																				
15. Max. & Min mrl within lease area	114 mRL and 110 mRL																				
16. Pillar Coordinates (Verified by DMO)	<table><tr><th colspan="3">Sanctioned Area</th></tr><tr><th>Points</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>25°50'47.98"N</td><td>79°30'57.85"E</td></tr><tr><td>B</td><td>25°50'50.99"N</td><td>79°31'9.13"E</td></tr><tr><td>C</td><td>25°50'30.34"N</td><td>79°31'25.18"E</td></tr><tr><td>D</td><td>25°50'27.29"N</td><td>79°31'14.13"E</td></tr></table>			Sanctioned Area			Points	Latitude	Longitude	A	25°50'47.98"N	79°30'57.85"E	B	25°50'50.99"N	79°31'9.13"E	C	25°50'30.34"N	79°31'25.18"E	D	25°50'27.29"N	79°31'14.13"E
Sanctioned Area																					
Points	Latitude	Longitude																			
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B	25°50'50.99"N	79°31'9.13"E																			
C	25°50'30.34"N	79°31'25.18"E																			
D	25°50'27.29"N	79°31'14.13"E																			
17. Total Geological Reserves	12,14,550 m ³ /year																				
18. Total Mineable Reserves in LOI	3,88,583 m ³ /year																				
19. Total Proposed Production	3,88,583 m ³ /annum (19,42,915 m ³ in 05 years)																				

20. Proposed Production/year	3,88,583 m ³	
21. Sanctioned Period of Mine lease	5 years	
22. Production of mine/day	1,413 m ³ /day	
23. Method of Mining	Opencast Semi mechanized	
24. No. of working days	275 days	
25. Working hours/day	12 hours	
26. No. Of workers	Approximately 52 labours	
27. No. Of vehicles movement/day	94 units	
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	SH21(Lakhimpur-Sitapur) – 6.50 km*(SW)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.52
	Suppression of dust	12.0
	Plantation	0.06
	Others (if any)	-
	Total	12.58 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.731/khanij-M-M-C- Tees- Vividh (2018-19) dated 07/08/2018	
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.7,12,832/-	
37. Proposed EMP cost/ Total Project Cost	Rs 36,01,975/- & 1,42,56,000.00/-	
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-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 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. 7,12,832/- 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.

5. Proposed Riverbed Sand Mining Project from Gomti River at Gata No.- 1984 G, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 2044, Village - Karimabad Malauli, Tehsil - Navabganj, District - Barabanki, U.P., Leased Area - 7.383 ha. File No. 4487/Proposal No. SIA/UP/MIN/78046/2018

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

1. The environmental clearance is sought for Riverbed Sand Mining Project from Gomti River at Gata No.- 1984 G, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 2044, Village - Karimabad Malauli, Tehsil - Navabganj, District - Barabanki, U.P., (Leased Area - 7.383 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/78046/2018		
2. File No. allotted by SEIAA, UP	4487		
3. Name of Proponent	Arvind Kumar Singh		
4. Full correspondence address of proponent and mobile no.	Arvind Kumar Singh S/o Shri Shripati Sigh R/o M No-22 Preeti Vihar colony, Civil line, Barabanki, U.P.		
5. Name of Project	Sand/Morrum Mining in River bed of Gomati, at Zone No/Gata No/Khand No. 1984g, 1985, 1986, 1987,1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 2044, Village- Karimabad Malauli, Tehsil- Navabganj, District- Barabanki, U.P.		
6. Project location (Plot/Khasra/Gata No.)	1984g, 1985, 1986, 1987,1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 2044		
7. Name of River	Gomati		
8. Name of Village	Karimabad Malauli		
9. Tehsil	Navabganj		
10. District	Barabanki		
11. Name of Minor Mineral	Sand/Morrum mining		
12. Sanctioned Lease Area (in ha.)	7.383 ha. (18.243 Acres)		
13. Mineable Area (in ha)	7.383 ha. (18.243 Acres)		
14. Zero level mRL	104.00		
15. Max. & Min mRL within lease area	Highest mRL is 108.30* in South Lowest mRL is 106.20* in North		
16. Pillar Coordinates (Verified by DMO)	Pillar No	Latitude	Longitude
	A	26°45'52.82"N	81°11'30.97"E
	B	26°45'53.39"N	81°11'32.70"E
	C	26°45'46.74"N	81°11'27.86"E
	D	26°45'37.31"N	81°11'27.35"E
	E	26°45'29.78"N	81°11'33.69"E
	F	26°45'26.16"N	81°11'39.82"E
	G	26°45'18.30"N	81°11'48.93"E
	H	26°45'19.28"N	81°11'47.64"E
	I	26°45'27.28"N	81°11'34.44"E
	J	26°45'32.70"N	81°11'28.40"E
	K	26°45'41.66"N	81°11'23.98"E
	L	26°45'47.18"N	81°11'25.05"E
17. Total Geological Reserves	221490 m ³		
18. Total Mineable Reserves in LoI	66447 m ³		
19. Total Proposed Production	3,32,235 m ³ (5 Year)		
20. Proposed Production/year	66447 m ³		

21. Sanctioned Period of Mine lease	5 years	
22. Production of mine/day	295 m ³	
23. Method of Mining	Opencast Semi mechanized	
24. No. of working days	225	
25. Working hours/day	8 hrs	
26. No. of workers	42	
27. No. of vehicles movement/day	25	
28. Type of Land	Govt./Non Forest Land	
29. Ultimate Depth of Mining	2.0 m	
30. Nearest metalled road from site	0.700 Km	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.42 KLD @10 LPCD
	Suppression of dust	8.40 KLD @1.0 lit in 1 sqm. for 700m (2 time a day)
	Plantation	1.58 KLD @ 5 lit/plant
	Total	9.98 KLD
32. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh (Servicing Environment and Development)	
	114 30 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	601/ A J A-2, dated 27/08/2018.	
35. Details of Lease Area in approved DSR	Page No- 02 Table No- 02	
36. Proposed CER cost	1.64 lacs (2 % of Total Cost)	
37. Proposed EMP cost	Capital (Rs)-3,27,000 Recurring/years- 3,55,100	
38. Length and breadth of Haul Road	0.700km and 6m	

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

RESOLUTION AGAINST AGENDA NO-05

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

- 1- No mining activity should be carried out in-stream channel as per SSMMG, 2016.
- 2- Pakka motorable haul road to be maintained by the project proponent.
- 3- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 4- Permission from the competent authority regarding evacuation route should be taken.
- 5- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.

- 6- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 7- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 8- Provision for cylinder to workers should be made for cooking.
- 9- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 10- Provide suitable mask to the workers.
- 11- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 12- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 13- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
- 14- Provision for two toilets and hand pumps should be made at mining site.
- 15- Drinking water for workers would be provided by tankers.
- 16- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 17- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 18- Corporate Environmental Responsibility (CER) plan with minimum Rs.1.64 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, Barabanki, 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.

6. Proposed Ordinary Sand Mine from River bed of Rohini River at Zone No./Gata No./Khand No.- 88 kh, 87 Va, 111, Area- 5.463(13.49 Acres), Villgae- Laxmi Nagar, Tehsil- Nautanwa, District- Maharajganj, U.P., (Leased Area-5.463 Ha). File No. 4490/Proposal No. SIA/UP/MIN/77417/2018

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

1. The environmental clearance is sought for Sand Mine from River bed of Rohini River at Zone No./Gata No./ Khand No.- 88 kh, 87 Va, 111, Villgae- Laxmi Nagar, Tehsil- Nautanwa, District- Maharajganj, U.P., (Leased Area-5.463 Ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/77417/2018		
2. File No. allotted by SEIAA, UP	4490		
3. Name of Proponent	Rekha Devi		
4. Full correspondence address of proponent and mobile no.	Rekha Devi W/o Shri Ram Murat Lal R/o: H. No.- 241Q, Ramjanki Nagar, Mirzapur Pachpedwa, Basharatpur, District – Gorakhpur, Uttar Pradesh		
5. Name of Project	Sand/Morrum Mining in River bed of Rohini, at Zone No/Gata No/Khand No. . 88 kh, 87 Va, 111 at Village – Laxmi Nagar, Tehsil- Nautanwa, District- Maharajganj, Uttar Pradesh		
6. Project location (Plot/Khasra/Gata No.)	88 kh, 87 Va, 111		
7. Name of River	Rohini		
8. Name of Village	Laxmi Nagar		
9. Tehsil	Nautanwa		
10. District	Maharajganj		
11. Name of Minor Mineral	Sand/Morrum mining		
12. Sanctioned Lease Area (in ha.)	5.463 ha. (13.49 Acres)		
13. Mineable Area (in ha)	4.748 ha (11.73 Acres)		
14. Zero level mRL	102.00		
15. Max. & Min mRL within lease area	Highest mRL is 106.0* in North Lowest mRL is 103.0* in South		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	27° 27.892'N	83° 29.652'E
	B	27° 27.892'N	83° 29.676'E
	C	27° 27.480'N	83° 29.355'E
	D	27° 27.515'N	83° 29.368'E
	Co-ordinates of Submerged Area		
	A1	27° 27.589'N	83° 29.732'E
	B2	27° 27.334'N	83° 29.696'E
17. Total Geological Reserves	1,97,412 m ³		
18. Total Mineable Reserves in LoI	54,630 m ³		
19. Total Proposed Production	2,73,150 m ³ (5 Year)		
20. Proposed Production/year	54,630 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	219 m ³		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	250		
25. Working hours/day	8 hrs		

26. No. of workers	58	
27. No. of vehicles movement/day	18	
28. Type of Land	Govt./Non Forest Land	
29. Ultimate Depth of Mining	1.0 m	
30. Nearest metalled road from site	0.520 Km	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.58 KLD @ 10 LPCD
	Suppression of dust	6.14 KLD @ 1.0 lit in 1 sqm. for 512m (2 time a day)
	Plantation	1.17 KLD @ 5 lit/plant
	Total	7.31 KLD
32. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh (Servicing Environment and Development) 114 30 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	328/KhanijSahayak/2018-2019, dated 27/07/2018	
35. Details of Lease Area in approved DSR	Page No- 01 Table No- 2	
36. Proposed CER cost	0.95 lacs (2 % of Total Cost)	
37. Proposed EMP cost	Capital (Rs)-2,45,000 Recurring/years- 4,29,500	
38. Length and breadth of Haul Road	0.512km and 6m	

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. 0.95 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, Maharajganj, 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 Ordinary Sand Mine from River bed of Rohini River at Zone No./Gata No./ Khand No.- 01, Villgae- Purushottampur, Tehsil- Nautanwa, District- Maharajganj, U.P., (Leased Area-5.929 Ha). File No. 4491/Proposal No. SIA/UP/MIN/77467/2018

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

1. The environmental clearance is sought for Sand Mine from River bed of Rohini River at Zone No./Gata No./ Khand No.- 01, Villgae- Purushottampur, Tehsil- Nautanwa, District- Maharajganj, U.P., (Leased Area-5.929 Ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/77467/2018		
2. File No. allotted by SEIAA, UP	4491		
3. Name of Proponent	Shri Sanjay kumar Madheshiya		
4. Full correspondence address of proponent and mobile no.	Shri Sanjay kumar Madheshiya S/o Shri Shivrath Prasad R/o: Rapti Nagar, Rail Bihar, District – Gorakhpur, Uttar Pradesh		
5. Name of Project	Sand/Morrum Mining in River bed of Rohini, at Zone No/Gata No/Khand No. . 01, at Village – Purushottampur, Tehsil- Nautanwa, District- Maharajganj, Uttar Pradesh		
6. Project location (Plot/Khasra/Gata No.)	01		
7. Name of River	Rohini		
8. Name of Village	Purushottampur		
9. Tehsil	Nautanwa		
10. District	Maharajganj		
11. Name of Minor Mineral	Sand/Morrum mining		
12. Sanctioned Lease Area (in ha.)	5.929 ha (14.64 Acres)		
13. Mineable Area (in ha)	5.929 ha (14.64 Acres)		
14. Zero level mRL	98.00		
15. Max. & Min mRL within lease area	Highest mRL is 102.50* in North Lowest mRL is 99.70* in South		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	27° 24.633'N	83° 29.214'E
	B	27° 24.652'N	83° 29.192'E
	C	27° 24.777'N	83° 29.299'E
	D	27° 24.764'N	83° 29.229'E
17. Total Geological Reserves	1,74,888 m ³		
18. Total Mineable Reserves in LoI	59,290 m ³		
19. Total Proposed Production	2,96,450 m ³ (5 Year)		
20. Proposed Production/year	59,290 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	237 m ³		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	250		
25. Working hours/day	8 hrs		
26. No. of workers	58		
27. No. of vehicles movement/day	20		
28. Type of Land	Govt./Non Forest Land		
29. Ultimate Depth of Mining	1.0 m		
30. Nearest metalled road from site	1.0 Km		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.58 KLD @10 LPCD	

	Suppression of dust	12.00 KLD @ 1.0 lit in 1 sqm. for 1.0km (2 time a day)
	Plantation	2.15 KLD @ 5 lit/plant
	Total	14.73 KLD
32. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh (Servicing Environment and Development) 114 30 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	327/KhanijSahayak/2018-2019, dated 27/07/2018	
35. Details of Lease Area in approved DSR	Page No- 01 Table No- 04	
36. Proposed CER cost	1.06 lacs (2 % of Total Cost)	
37. Proposed EMP cost	Capital (Rs)-4,40,000 Recurring/years- 7,71,000	
38. Length and breadth of Haul Road	1.0km and 6m	

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

RESOLUTION AGAINST AGENDA NO-07

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

- 1- No mining activity should be carried out in-stream channel as per SSMMG, 2016.
- 2- Pakka motorable haul road to be maintained by the project proponent.
- 3- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 4- Permission from the competent authority regarding evacuation route should be taken.
- 5- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 6- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 7- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 8- Provision for cylinder to workers should be made for cooking.
- 9- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 10- Provide suitable mask to the workers.
- 11- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.

- 12- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 13- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
- 14- Provision for two toilets and hand pumps should be made at mining site.
- 15- Drinking water for workers would be provided by tankers.
- 16- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 17- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 18- Corporate Environmental Responsibility (CER) plan with minimum Rs. 1.06 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, Maharajganj, 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.

8. Proposed Riverbed Sand Mining Project from Bagen River at Zone No./Gata No./ Khand No.- 2494, (Block No.-34), Area- 7.80(19.266 Acres) ,at Village - Chandaaur, Tehsil - Atarra, District -Banda, U.P.. Leased Area - 7.80 ha, M/s Sri Falgun Giri Mines. File No. 4492/Proposal No. SIA/UP/MIN/77517/2018

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

1. The environmental clearance is sought for Riverbed Sand Mining Project from Bagen River at Zone No./Gata No./ Khand No.- 2494, (Block No.-34) at Village - Chandaaur, Tehsil - Atarra, District -Banda, U.P.. (Leased Area - 7.80 ha), M/s Sri Falgun Giri Mines.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/77517/2018
2. File No. allotted by SEIAA, UP	4492
3. Name of Proponent	M/s Sri Falgun Giri Mines
4. Full correspondence address of	Sri Alok Kumar Shukla R/o: KishanuparKhaga,District – Fatehpur,

proponent and mobile no.	Uttar Pradesh.		
5. Name of Project	Sand/Morrum Mining in River bed of Bagen, at Zone No/Gata No/Khand No. 2494, (Block No. 34) at Village – Chandaur, Tehsil-Atarra, District- Banda, Uttar Pradesh		
6. Project location (Plot/Khasra/Gata No.)	2494, (Block No. 34)		
7. Name of River	Bagen		
8. Name of Village	Chandaur		
9. Tehsil	Atarra		
10. District	Banda		
11. Name of Minor Mineral	Sand/Morrum mining		
12. Sanctioned Lease Area (in ha.)	7.80 ha. (19.266 Acres)		
13. Mineable Area (in ha)	6.40 ha (15.808 Acres)		
14. Zero level mRL	110.00		
15. Max. & Min mRL within lease area	Highest mRL is 114.50* in North East Lowest mRL is 112.10* in South West		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	25° 16.956'N	80° 42.574'E
	B	25° 16.927'N	80° 42.634'E
	B'	25° 16.765'N	80° 42.673'E
	C	25° 16.585'N	80° 42.574'E
	D	25° 16.956'N	80° 42.574'E
	D'	25° 16.744'N	80° 42.619'E
17. Total Geological Reserves	1,97,412 m ³		
18. Total Mineable Reserves in LoI	78,000 m ³		
19. Total Proposed Production	3,90,00 m ³ (5 Year)		
20. Proposed Production/year	78,000 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	312 m ³		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	250		
25. Working hours/day	8 hrs		
26. No. of workers	48		
27. No. of vehicles movement/day	26		
28. Type of Land	Govt./Non Forest Land		
29. Ultimate Depth of Mining	1.0 m		
30. Nearest metalled road from site	0.620 Km		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.48 KLD @10 LPCD	
	Suppression of dust	7.44 KLD @ 1.0 lit in 1 sqm. for 620m (2 time a day)	
	Plantation	1.40 KLD @ 5 lit/plant	
	Total	9.32 KLD	
32. Name of QCI Accredited Consultant QCI No period of validity.	Paramarsh (Servicing Environment and Development) 114 30 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	1683/Khanij-30, Banda dated 28.06.2018		
35. Details of Lease Area in approved DSR	Page No- 63 Table No- 46		
36. Proposed CER cost	0.95 lacs (2 % of Total Cost)		
37. Proposed EMP cost	Capital (Rs)-2,90,000 Recurring/years- 5,06,000		

38. Length and breadth of Haul Road	0.620km and 6m
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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 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. 0.95 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.

9. Proposed Ordinary Sand Mine from River bed of Rohini River at Zone No./Gata No./Khand No.- 309, Area- 9.304 ha (22.98 Acres), Villgae- Shyamkat, Tehsil- Nautanwa, District- Maharajganj, U.P., (Leased Area-9.304 Ha). File No. 4493/Proposal No. SIA/UP/MIN/79022/2018

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

1. The environmental clearance is sought for ordinary Sand Mining from River bed of Rohini River at Zone No./Gata No./ Khand No.- 309, Villgae-Shyamkat, Tehsil-Nautanwa, District-Maharajganj, U.P., (Leased Area-9.304 Ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/79022/2018			
2. File No. allotted by SEIAA, UP	4493			
3. Name of Proponent	M/s Ganpati Traders			
4. Full correspondence address of proponent and mobile no.	Shri Sachin Kumar S/o Shri Niwas Prasad R/o: Ward No. 11, Swarn Nagar, Sewrahi District – Kushinagar, Uttar Pradesh			
5. Name of Project	Extraction of ordinary Sand Mine from river bed of Rohini, at Zone No/Gata No/Khand No. 309 Area- 9.304 ha. (22.98 Acres) at Village – Shyamkat, Tehsil- Nautanwa, District- Maharajganj, Uttar Pradesh			
6. Project location (Plot/Khasra/Gata No.)	309			
7. Name of River	Rohini			
8. Name of Village	Shyamkat			
9. Tehsil	Maharajganj			
10. District	Maharajganj			
11. Name of Minor Mineral	ordinary Sand mining			
12. Sanctioned Lease Area (in ha.)	9.304 ha. (22.98 Acres)			
13. Mineable Area (in ha)	9.304 ha. (22.98 Acres)			
14. Zero level mRL	103.00			
15. Max. & Min mRL within lease area	<ul style="list-style-type: none">Highest mRL is 106.80mRL towards South-West directionLowest mRL is 103.50mRL towards North-East direction			
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude	

	A	27° 28.285'N	83° 29.756'E	
	B	27° 28.285'N	83° 29.789'E	
	C	27° 27.949'N	83° 29.586'E	
	D	27° 28.949'N	83° 29.534'E	
17. Total Geological Reserves	2,59,802 m ³			
18. Total Mineable Reserves in LoI	93,040 m ³			
19. Total Proposed Production	46,52,00 m ³ (5 Year)			
20. Proposed Production/year	93,040 m ³			
21. Sanctioned Period of Mine lease	5 years			
22. Production of mine/day	372 m ³			
23. Method of Mining	Opencast Semi mechanized			
24. No. of working days	250			
25. Working hours/day	8 hrs			
26. No. of workers	40			
27. No. of vehicles movement/day	66			
28. Type of Land	Govt./Non Forest Land			
29. Ultimate Depth of Mining	3.0 m			
30. Nearest metalled road from site	0.860 Km			
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)		
	Drinking	0.66 KLD @10 LPCD		
	Suppression of dust	10.32 KLD @1.0 lit in 1 sqm. for 860 m (2 time a day)		
	Plantation	1.95 KLD @ 5 lit/plant		
	Total	12.93 KLD		
32. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh (Servicing Environment and Development) 114 30 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	429/Khanij Sahayak/2018-19, dated 06/09/2018			
35. Details of Lease Area in approved DSR	Page No- 01 Table No- 01			
36. Proposed CER cost	1.65 lacs (2 % of Total Cost)			
37. Proposed EMP cost	Capital (Rs. 4,01,000/-) Recurring/years cost (Rs. 7,69,500/-)			
38. Length and breadth of Haul Road	0.860km and 6m			

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

- 1- No mining activity should be carried out in-stream channel as per SSMMG, 2016.
- 2- Pakka motorable haul road to be maintained by the project proponent.
- 3- A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 4- Permission from the competent authority regarding evacuation route should be taken.
- 5- Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
- 6- Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
- 7- One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
- 8- Provision for cylinder to workers should be made for cooking.
- 9- The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
- 10- Provide suitable mask to the workers.
- 11- Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
- 12- Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
- 13- The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
- 14- Provision for two toilets and hand pumps should be made at mining site.
- 15- Drinking water for workers would be provided by tankers.
- 16- Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
- 17- A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
- 18- Corporate Environmental Responsibility (CER) plan with minimum Rs. 1.65 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, Maharajganj, 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.

10. Proposed Riverbed Sand Mining Project from Gomti River at Gata No.- 5/1 , Village - Gayaghat Mirihiriyaa, Tehsil - Campierganj, District-Gorakhpur, U.P., Leased Area - 24.281 ha. File No. 4495/Proposal No. SIA/UP/MIN/78803/2018

RESOLUTION AGAINST AGENDA NO-10

A presentation was made by the project proponent alongwith their consultant M/s Shri Environmental Technology Institute. The committee discussed the matter and directed the project proponent 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. Pillar co-ordinates.
3. Revised cluster certificate.

The matter shall be taken up only after submission of information as above on online prescribed portal.

11. Proposed Riverbed Sand Mining Project from Tons River at Zone No./Gata No./ Khand No.- 72 ,Area- 10.117 ha (24.98 Acres) Village - Ghat Katri Manpur, Tehsil - Sadar, District - Farrukhabad, U.P. Leased Area - 10.117 ha. File No. 4500/Proposal No. SIA/UP/MIN/78416/2018

RESOLUTION AGAINST AGENDA NO-11

A presentation was made by the project proponent alongwith their consultant M/s Shri Environmental Technology Institute. The committee discussed the matter and directed the project proponent 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. Pillar co-ordinates.
3. Revised cluster certificate.

The matter shall be taken up only after submission of information as above on online prescribed portal.

12. Proposed Riverbed Sand Mining Project from Tons River at Zone No./Gata No./ Khand No.-1/3 ,Area- 10.117 ha (24.98 Acres) Village - Ghat Katri Manpur, Tehsil - Sadar, District - Farrukhabad, U.P. Leased Area - 10.117 ha. File No. 4501/Proposal No. SIA/UP/MIN/78423/2018

RESOLUTION AGAINST AGENDA NO-12

A presentation was made by the project proponent alongwith their consultant M/s Shri Environmental Technology Institute. The committee discussed the matter and directed the project proponent 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. Pillar co-ordinates.
3. Revised cluster certificate.

The matter shall be taken up only after submission of information as above on online prescribed portal.

13. Proposed Jatajuwa Stone (Granite) Khanda, Gitti, Boulder Mining Project at Gata No.- 119 Ka, 212 Ka, Village- Jatajuwa, Tehsil- Dudhhi, District- Sonbhadra,U.P., M/s Champion Group of Company, Leased Area - 6.603 ha. File No. 4502/Proposal No. SIA/UP/MIN/79869/2018

RESOLUTION AGAINST AGENDA NO-13

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

1. Mismatch in DSR & LOI. Revised DSR should be submitted.
2. Recalculate the area & volume as per SSMG, 2016 including total area, workable area and submerged area alongwith geo-coordinate verified by DMO.

The matter shall be taken up only after submission of information as above on online prescribed portal.

14. Proposed River Bed Sand/Morrum Mining having lease area 10.00 ha (24.71) along River Ken in Gata No.- 1971/1, Village- Ganchha, Tehsil- Banda, District- Banda, U.P., M/s Shreebamdev Global Pvt. Ltd., (Leased Area-10.00 Ha). File No. 4522/Proposal No. SIA/UP/MIN/81646/2018

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 River Bed Sand/Morrum Mining from River Ken in Gata No.- 1971/1, Village- Ganchha, Tehsil- Banda, District- Banda, U.P., (Leased Area-10.00 Ha), M/s Shreebamdev Global Pvt. Ltd.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/81646/2018		
2. File No. allotted by SEIAA, UP	4522		
3. Name of Proponent	Shri Upendra Kumar Gupta		
4. Full correspondence address of proponent and mobile no.	Shri Upendra Kumar Gupta S/o Shri Minnilal Gupta R/o House No. E-91, Shri Nath Vihar Colony, Flat No. 2, Chilla Road, District – Banda, Uttar Pradesh		
5. Name of Project	Sand/Morrum Mining in River bed of Ken at Zone No/Gata No/Khand No. 1971/1 at Village –Ganchha, Tehsil- Banda, District- Banda, U. P.		
6. Project location (Plot/Khasra/Gata No.)	1971/1		
7. Name of River	Ken		
8. Name of Village	Ganchha		
9. Tehsil	Banda		
10. District	Banda		
11. Name of Minor Mineral	Sand/Morrum mining		
12. Sanctioned Lease Area (in ha.)	10.0 ha. (24.71 Acres)		
13. Mineable Area (in ha)	10.0 ha. (24.71 Acres)		
14. Zero level mRL	100.00		
15. Max. & Min mRL within lease area	Highest mRL is 110.40* in East Lowest mRL is 103.50* in West		
16. Pillar Coordinates (Verified by DMO)	Pillar No	Latitude	Longitude

	A	25° 25' 0.93"N	80° 17' 37.19"E
	B	25° 25' 20.24"N	80° 17' 38.00"E
	B1	25° 25' 12.81"N	80° 17' 31.69"E
	B2	25° 25' 56.60"N	80° 17' 27.98"E
	C	25° 24' 50.42"N	80° 17' 29.61"E
	C1	25° 24' 50.56"N	80° 17' 29.16"E
	C2	25° 24' 51.09"N	80° 17' 28.60"E
	C3	25° 24' 54.23"N	80° 17' 25.41"E
	D	25° 24' 56.65"N	80° 17' 24.00"E
	D1	25° 25' 3.32"N	80° 17' 23.68"E
	D2	25° 25' 14.84"N	80° 17' 28.06"E
	D3	25° 25' 14.94"N	80° 17' 27.87"E
17. Total Geological Reserves	3,94,684 m ³		
18. Total Mineable Reserves in LoI	2,00,000m ³		
19. Total Proposed Production	10,00,00 m ³ (5 Year)		
20. Proposed Production/year	2,00,000 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	800 m ³		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	250		
25. Working hours/day	8 hrs		
26. No. of workers	40		
27. No. of vehicles movement/day	67		
28. Type of Land	Govt./Non Forest Land		
29. Ultimate Depth of Mining	2.0 m		
30. Nearest metalled road from site	0.990 Km		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.40 KLD @ 10 LPCD	
	Suppression of dust	11.88 KLD @ 1.0 lit in 1 sqm. for 990m (2 time a day)	
	Plantation	2.23 KLD @ 5 lit/plant	
	Total	14.51 KLD	
32. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh (Servicing Environment and Development) 114 30 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	2480/Khanij-30/Banda, dated 14/09/2018		
35. Details of Lease Area in approved DSR	Page No- 02 Table No- 16		
36. Proposed CER cost	0.80 lacs (2 % of Total Cost)		
37. Proposed EMP cost	Capital (Rs)-4,56,000 Recurring/years- 7,69,500		
38. Length and breadth of Haul Road	0.990km and 6m		

- 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.
- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-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- Kaccha approach road 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. 0.80 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.

15. River Bed Sand/Morrum Mining Project at Betwa River Bed in Khand No.- 23/27, Village- Beri, Tehsil & District- Hamirpur, U.P., (Leased Area-24.291 Ha), M/s Jai Shakti Realcon Pvt. Ltd. File No. 4283/Proposal No. SIA/UP/MIN/25865/2018

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 River Bed Sand/Morrum Mining Project at Betwa River Bed in Khand No.- 23/27, Village- Beri, Tehsil & District- Hamirpur, U.P., (Leased Area- 24.291 Ha), M/s Jai Shakti Realcon 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 04/10/2018.
4. EIA was submitted by the project proponent through letter dated 09/10/2018.
5. Salient features of the project as submitted by the project proponent:

37. Salient features of the project as submitted by the project proponent

1. On-line proposal No.	SIA/UP/MIN/24246/2018																					
2. File No. allotted by SEIAA, UP	4283																					
3. Name of Proponent	Sri Jay kumar Singh																					
4. Full correspondence address of proponent and mobile no.	Sri Jay kumar Singh S/o Shivpal Singh R/o Ghadi, Mawaiya, District- Fatehpur, Uttar Pradesh																					
5. Name of Project	River Bed Sand/Morrum Mining project having lease area 24.291 ha (60.02 acre) along River Betwa in Khand 23/27 at Village – Beri, Tehsil- Hamirpur, District- Hamirpur, U. P.																					
6. Project location (Plot/Khasra/Gata No.)	Khand 23/27																					
7. Name of River	Betwa																					
8. Name of Village	Beri																					
9. Tehsil	Hamirpur																					
10. District	Hamirpur																					
11. Name of Minor Mineral	Sand mining																					
12. Sanctioned Lease Area (in Ha.)	24.291 ha (60.02 acre)																					
13. Mineable Area (in ha)	17.04 ha																					
14. Zero level mRL	96.00																					
15. Max. & Min mRL within lease area	Highest mRL is 105.3 * in SW Lowest mRL is 96.0* in N																					
16. Pillar Coordinates (Verified by DMO)	<div>Coordinates of Lease Area</div> <table> <tr> <th>Pillar No</th> <th>N</th> <th>E</th> </tr> <tr> <td>A</td> <td>25° 53' 04.07"N</td> <td>79° 53' 55.68"E</td> </tr> <tr> <td>B</td> <td>25° 53' 17.25"N</td> <td>79° 53' 42.99"E</td> </tr> <tr> <td>C</td> <td>25° 53' 26.65"N</td> <td>79° 53' 59.81"E</td> </tr> <tr> <td>D</td> <td>25° 53' 10.67"N</td> <td>79° 54' 07.72"E</td> </tr> </table> <div>Coordinates of Submerged area</div> <table> <tr> <td>C</td> <td>25° 53' 26.65"N</td> <td>79° 53' 59.81"E</td> </tr> <tr> <td>D</td> <td>25° 53' 10.67"N</td> <td>79° 54' 07.72"E</td> </tr> </table>	Pillar No	N	E	A	25° 53' 04.07"N	79° 53' 55.68"E	B	25° 53' 17.25"N	79° 53' 42.99"E	C	25° 53' 26.65"N	79° 53' 59.81"E	D	25° 53' 10.67"N	79° 54' 07.72"E	C	25° 53' 26.65"N	79° 53' 59.81"E	D	25° 53' 10.67"N	79° 54' 07.72"E
Pillar No	N	E																				
A	25° 53' 04.07"N	79° 53' 55.68"E																				
B	25° 53' 17.25"N	79° 53' 42.99"E																				
C	25° 53' 26.65"N	79° 53' 59.81"E																				
D	25° 53' 10.67"N	79° 54' 07.72"E																				
C	25° 53' 26.65"N	79° 53' 59.81"E																				
D	25° 53' 10.67"N	79° 54' 07.72"E																				

	E	25° 53' 7.32"N	79° 54'03.80"E
	F	25° 53' 23.06"N	79° 53'54.9"E
17. Total Geological Reserves	843740 m ³		
18. Total Mineable Reserves in LoI	388608 m ³		
19. Total Proposed Production	1943040 m ³ (5 Year)		
20. Proposed Production/year	388608 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1554 m ³		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	250		
25. Working hours/day	8 hrs		
26. No. of workers	80		
27. No. of vehicles movement/day	129		
28. Type of Land	Govt./Non Forest Land		
29. Ultimate Depth of Mining	3.0 m		
30. Nearest metalled road from site	0.80Km		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking @80 workers	0.8 KLD @ 10 LPCD	
	Suppression of dust	9.6 KLD @ 1.0 lit in 1 sqm. For (2 time a day)	
	Plantation	2.2 KLD @ 5 lit/plant	
	Total	12.6KLD	
32. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh (Servicing Environment and Development) 114 30 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-35/Khanij-M.M.C-30-Vividh(2017-18) dated 07.04.2018		
35. Details of Lease Area in approved DSR	Page No- 01 Table No- 83		
36. Proposed CER cost	1.94 lacs (2% of Total Cost)		
37. Proposed EMP cost	Capital (Rs)- 5,55,000 Recurring/years (Rs.) - 8,64,000		
38. Length and breadth of Haul Road	0.80km and 6m		

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-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. 1.94 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.

16. Establishment of Clinker Grinding Unit of capacity: 2 Million Ton Per Annum (5836.0 TPD) at Village- Satha, Tehsil- Koil, District- Aligarh, U.P. of M/s JK Cement Works, Aligarh, File No. 4214/Proposal No. (SIA/UP/IND/24160/2018)

A presentation was made by the project proponent alongwith their consultant M/s Ascenso Enviro Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Establishment of Clinker Grinding Unit of capacity: 2 Million Ton Per Annum (5836.0 TPD) at Village- Satha, Tehsil- Koil, District- Aligarh, U.P. of M/s JK Cement Works, Aligarh.
2. Terms of reference in the matter were issued through SEIAA letter dated 22/05/2018.
3. The public hearing was organized on 26/09/2018.
4. EIA was submitted by the project proponent through letter dated 11/10/2018.
5. Salient features of the project as submitted by the project proponent:

S.N.	Attributes	Clinker Grinding Unit
1	Proposed capacity of Plant	2.0 Million TPA (5836.0 TPD) Product : Cement: 2000000.0 TPA (5836.0 TPD)
2	Total project area	6.8318 Hectare or 16.87 Acre.
3	Total project cost	Rs. 26642.0 Lakhs.
4	No of working days	365.0 Days /Annum
5	Raw material and its Quantity	Clinker : 3853.0 TPD Gypsum : 283.0 TPD Fly Ash : 1700.0 TPD
6	Fuel Requirement	Diesel : 150 Lit/hr (For DG Set, Power Backup)
7	Water Requirement	Process (Inject) & Dust suppression: 144.0 KLD Industrial Cooling: 30.0 KLD (10.0 KLD Recycled) Domestic: 10.0 KLD Green Belt: 10.0 KLD Total water requirement : 184.0 KLD
8	Man Power Requirement	Total manpower requirement during the operational phase is estimated to be about 216 including contract labour approx.: 89 required for auxiliary services.
9	Power Requirement	The power requirement for the proposed cement (Clinker grinding unit) will be about 8000 KVA. Power will be sourced from Uttar Pradesh Power Corporation Ltd. (UPPCL).
10	Fresh Water Requirement	Total Water requirement : 194.0 KLD (Fresh Water: 184.0 KLD) Recycled water :10.0 KLD Sources : Ground Water
11	Waste Water Generation	No waste water will be generated from the proposed plant.
12	Domestic Water Requirement	Water requirement : 10.0 KLD Domestic Waste Water: 4.0 KLD Treatment : Waste water will be disposed through Septic and Soak pit.
13	Air Pollution Control Equipment	All major sources of Air pollution will be provided with Bag filters to maintain PM emissions level below permissible limits (i.e. <30.0 mg/Nm ³).
14	Details of Air Pollution Control Equipment	One Bag House for VRM and 12 Bag filters at different locations transfer point to control the emissions from fugitive sources.

6. Land use details:

Land Use	Area in sq. m.	%
Roof Top	3500	5.13
Open Space	13010	19.05
Green Belt Area	22590	33.07
Road & Paved	29200	42.75

Total Plot area	68300	100
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7. Raw material required with daily consumption and transport:

Sr No	Particular	Raw Material (Daily Requirements)	Source of raw material & Mode of Transportation
1.	Clinker	3853.0 TPD	MP & Rajasthan
2.	Fly Ash	1700.0 TPD	Nearby Thermal Power Plant
3.	Gypsum	283.0 TPD	Rajasthan & MP

8. Plant capacity :

PARTICULARS	Production Capacity	PRODUCT DETAILS
Total Plant Capacity (PPC & OPC Cement Production)	2000000.0 TPA (5836.0 TPD)	Approx. : 90 % , Portland Pozzolana Cement (OPC) and 10 % Ordinary Portland Cement (OPC) Daily Production Capacity : 5836.0 TPD (Cement)

9. Plant and machinery details:

S No	Machines / Equipment Name	Capacity	Number of Machines
1	Clinker Silo	-	01 No
2	Fly Ash Silo	-	01 No
3	Vertical Roller Mill	250.0 TPH	01 No
4	Cement Silo (RCC)	-	01 No
5	Cement Silo (Steel)	-	01 No
6	Cement Packer	-	02 No
7	Bag House	-	01 No
8	Bag Filter	-	12 No
9	DG Set (02)	1250 KVA 250 KVA	01 No 01 No
10	VRM Mill Stack	45 meters	01 No

10. Water requirement details:

Project Activity	Total Water Requirement	Consume/ Losses	Recycle Water	Remarks
Process (Inject)/ Dust Suppression	144	144	--	The total water requirement for the proposed cement grinding unit will be 184.0 KLD which will be sourced from proposed bore well at the site.
Industrial Cooling	30	20	10	
Domestic	10	10	--	
Green Belt	10	10	--	
Total	194	184	10	
Source of Water	Ground Water through Bore Well	Ground Water (Application submitted in CGWA) and recommended from CGWB, NR Lucknow.		

11. Solid waste generation details:

1. DOMESTIC SOLID WASTE				
Category	Type of Waste	Color of Bins	Disposal Method	Total Waste (Kg/day)
Bio Degradable	Organic Waste	Green	Vermi-composting site within the project site	27.0
Non-Biodegradable	Recyclable Waste	Blue	Authorized Recycler	6.0
Non-Biodegradable	Inert Waste	Black	Nearby Landfill Site	2.0
	Total			35.0 Kg/day

2. Process Waste			
Solid waste		Quantity	Method of disposal
Process Waste		Nil	Waste collected in Bag house and bag filters will collected and recycled into the process.
3. Hazardous Waste Generation and Management			
S. No.	Solid waste	Quantity	Method of disposal
1.	Used Oil	3.0 KL/ Annum	The used oil will be Sold to the vendors authorised by UPPCB for the treatment of the same.

12. The project proposal falls under category–3(b) 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 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 the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
- vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.

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 vide G.S.R. No. 612 (E) dated 25th August, 2014 (Cement) and subsequent amendment dated 9th May, 2016 (Cement) 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 monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
- iii. 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 PM_{2.5} in reference to PM emission, SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions. (case to case basis small plants: Manual; Large plants: Continuous).
- iv. 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.
 - v. 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.
 - vi. The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.
 - vii. Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.
 - viii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
 - ix. Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.
 - x. Provide wind shelter fence and chemical spraying on the raw material stock piles.
 - xi. Have separate truck parking area and monitor vehicular emissions at regular interval.
 - xii. Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts/railways as a mode of transport.
 - xiii. Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, cement bagging plants

III. Water quality monitoring and preservation:

- i. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25th August, 2014 (Cement) and subsequent amendment dated 9th May, 2016 (Cement) 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. (Case to case basis small plants: Manual; Large plants: Continuous).
- ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers /sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- iii. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- iv. Adhere to Zero Liquid Discharge.
- v. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.

- vi. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off
- vii. The project proponent shall practice rainwater harvesting to maximum possible extent.
- viii. Water meters shall be provided at the inlet to all unit processes in the cement plant.
- ix. The project proponent shall make efforts to minimize water consumption in the cement plant complex by segregation of used water, practicing cascade use and by recycling treated water.

IV. Noise monitoring and prevention

- i. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- ii. 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. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- ii. Provide the project proponent for LED lights in their offices and residential areas.
- iii. Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.

VI. Waste management

- i. The waste oil, grease and other hazardous shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
- ii. Kitchen waste shall be composted or converted to biogas for further use. (to be decided on case to case basis depending on type and size of plant).

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
- ii. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.

VIII. 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. 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.
- iv. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

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. 11. 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 / conditions and 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 report 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.
- vi. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the cement plants shall be implemented.

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; PM₁₀, SO₂, NO_x (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. ii. 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.

17. 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, Effective Working Area- 221.30 ha File No. 4070/Proposal No. SIA/UP/MIN/21922/2018

A presentation was made by the project proponent alongwith their consultant M/s ENV 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 River Bed Sand/Morrum Mining from Betwa River at Khand No.- 9/3, Village-Kandaur, Tehsil-Hamirpur, District-Hamirpur, U.P., (Sanctioned Lease Area- 30.769 ha), M/s Rama Traders.
2. The public hearing was organized on 18/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/21922/2018
2. File No. allotted by SEIAA, UP	4070
3. Name of Proponent	M/s Rama Traders Proprietor- Shri Virendra Singh
4. Full correspondence address of proponent and mobile no.	M/s Rama Traders Proprietor- Shri Virendra Singh S/o Late Shri Ram Singh R/o Badipur, Bhan Mau,

	Barabanki, U.P.		
5. Name of Project	Sand Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No.9/3		
7. Name of River	Betwa		
8. Name of Village	Kandaur		
9. Tehsil	Hamirpur		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	30.769 ha		
13. Mineable Area (in ha)	21.30 ha		
14. Zero level mRL	95 mRL		
15. Max. & Min mrl within lease area	104 mRL and 96 mRL		
16. Pillar Coordinates (Verified by DMO)	Points	Latitude	Longitude
	Area Sanctioned		
	A	25°52'49.72"N	79°59'46.98"E
	B	25°52'48.41"N	80° 0'4.05"E
	C	25°52'29.17"N	80° 0'4.06"E
	D	25°52'32.07"N	79°59'43.44"E
	Workable Area		
	A	25°52'49.72"N	79°59'46.98"E
	B	25°52'48.41"N	80° 0'4.05"E
	E	25°52'38.36"N	79°59'44.69"E
	F	25°52'34.06"N	80° 0'4.05"E
	Non Workable Area		
	E	25°52'38.36"N	79°59'44.69"E
	F	25°52'34.06"N	80° 0'4.05"E
	C	25°52'29.17"N	80° 0'4.06"E
D	25°52'32.07"N	79°59'43.44"E	
17. Total Geological Reserves	15,38,450 m ³		
18. Total Mineable Reserves in LOI	4,92,236 m ³ /year		
19. Total Proposed Production	4,92,236 m ³ /year (24,61,180 m ³ for 5 years)		
20. Proposed Production/year	4,92,236 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1790 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 72 labours		
27. No. Of vehicles movement/day	119 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue Land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	SH 42 (Hamirpur-Jhansi Marg) : 3.7 km* (South-East direction)		
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		1.74
	Suppression of dust		95.84
	Plantation		0.077
	Others (Stored water)		0.10
	Total		97.75 KLD
32. Name of OCI Accredited Consultant with OCI No	ENV Development Assistance Systems (I) Pvt. Ltd.		

and period of validity.	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	
35. Details of Lease Area in approved DSR	Page No 62; Serial No. 64
36. Proposed CER cost	2% of total project cost i.e. Rs.27,43,161/-
37. Proposed EMP cost & Total Project Cost	Rs. 1,48,74,632/- & Rs. 13,71,58,058/-
38. (a) Length and Width of Haul Road	Unpaved Length 5.99 km and Paved Length 15.84 km and 6 m width
(b) Length of River Crossing	87 m.
39. No. of Trees to be Planted	230

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

The project proponent also informed that as per EIA Notification 14th September, 2006, online submission of EIA report for appraisal after public hearing is next stage in the process of grant of environmental clearance. We are unable to submit our complete EIA report which is of approx. 85 MB on the MoEF&CC portal due to restriction of 20 MB file size. Hence, they are submitting only EMP of the project, minutes of public hearing, risk assessment document which constitute the main domain of an EIA report.

RESOLUTION AGAINST AGENDA NO-17

The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled.

The recommendation of EC will be subjected to general/ specific conditions as annexed at annexure 1 & 2 to these minutes. The committee also stipulated following specific conditions:

- 1- No mining activity should be carried out in 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 setup 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. 27,43,161/- 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.

18. 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

A presentation was made by the project proponent alongwith their consultant M/s ENV 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 River Bed Sand/Morrum Mining Project at Betwa River at Khand No.-26/3, Village - Chandwari Ghurouli, Tehsil- Sarila, District- Hamirpur, U.P., (Leased Area-24.291 Ha), M/s New Eoan Associates.
2. The public hearing was organized on 19/09/2018
3. Salient features of the project as submitted by the project proponent:

57. Salient features of the project as submitted by the project proponent.																																																			
1. On-line proposal No.	SIA/UP/MIN/29418/2018 (Old-SIA/UP/MIN/28363/2018)																																																		
2. File No. allotted by SEIAA, UP	4510/4404																																																		
3. Name of Proponent	M/s New Eoan Associates Proprietor- Shri Dharmendra Singh Tomar																																																		
4. Full correspondence address of proponent and mobile no.	M/s New Eoan Associates Proprietor- Shri Dharmendra Singh Tomar S/o Shri Krishna Kumar Singh Tomar, R/o H.No. 101, Tansen Nagar,, Tehsil - Gwalior, District - Gwalior, M.P.																																																		
5. Name of Project	Sand/Morrum Mining																																																		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 26/3																																																		
7. Name of River	Betwa																																																		
8. Name of Village	Chandwari Ghurouli																																																		
9. Tehsil	Sarila																																																		
10. District	Hamirpur																																																		
11. Name of Minor Mineral	Sand/Morrum																																																		
12. Sanctioned Lease Area (in ha)	24.291 ha																																																		
13. Mineable Area (in ha)	20.291 ha																																																		
14. Zero level mRL	110 mRL																																																		
15. Max. & Min mrl within lease area	118 mRL and 114 mRL																																																		
16. Pillar Coordinates (Verified by DMO)	<table><tr><th colspan="3">Sanctioned Area</th></tr><tr><th>Points</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>25°48'4.95"N</td><td>79°26'0.55"E</td></tr><tr><td>B</td><td>25°47'54.70"N</td><td>79°26'7.88"E</td></tr><tr><td>C</td><td>25°47'40.71"N</td><td>79°25'51.78"E</td></tr><tr><td>D</td><td>25°47'49.30"N</td><td>79°25'43.09"E</td></tr><tr><th colspan="3">Workable Area</th></tr><tr><td>E</td><td>25°48'2.40"N</td><td>79°25'57.70"E</td></tr><tr><td>F</td><td>25°47'51.57"N</td><td>79°26'4.36"E</td></tr><tr><td>C</td><td>25°47'40.71"N</td><td>79°25'51.78"E</td></tr><tr><td>D</td><td>25°47'49.30"N</td><td>79°25'43.09"E</td></tr><tr><th colspan="3">Non Workable Area</th></tr><tr><td>A</td><td>25°48'4.95"N</td><td>79°26'0.55"E</td></tr><tr><td>B</td><td>25°47'54.70"N</td><td>79°26'7.88"E</td></tr><tr><td>F</td><td>25°47'51.57"N</td><td>79°26'4.36"E</td></tr><tr><td>E</td><td>25°48'2.40"N</td><td>79°25'57.70"E</td></tr></table>			Sanctioned Area			Points	Latitude	Longitude	A	25°48'4.95"N	79°26'0.55"E	B	25°47'54.70"N	79°26'7.88"E	C	25°47'40.71"N	79°25'51.78"E	D	25°47'49.30"N	79°25'43.09"E	Workable Area			E	25°48'2.40"N	79°25'57.70"E	F	25°47'51.57"N	79°26'4.36"E	C	25°47'40.71"N	79°25'51.78"E	D	25°47'49.30"N	79°25'43.09"E	Non Workable Area			A	25°48'4.95"N	79°26'0.55"E	B	25°47'54.70"N	79°26'7.88"E	F	25°47'51.57"N	79°26'4.36"E	E	25°48'2.40"N	79°25'57.70"E
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17. Total Geological Reserves	12,14,550 m ³																																																		
18. Total Mineable Reserves in LOI	4,85,747 m ³ /year																																																		
19. Total Proposed Production	4,85,747 m ³ /annum (24,28,735 m ³ in 05 years)																																																		

20. Proposed Production/year	4,85,747 m ³	
21. Sanctioned Period of Mine lease	5 years	
22. Production of mine/day	1766 m ³ /day	
23. Method of Mining	Opencast Semi mechanized	
24. No. of working days	275 days	
25. Working hours/day	12 hours	
26. No. Of workers	Approximately 69 labours	
27. No. Of vehicles movement/day	117 units	
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	SH 21 (Rath- Orai Marg)- 2.50 km* (N)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	1.65
	Suppression of dust	13.14
	Plantation	0.061
	Others (Stored water)	0.10
	Total	14.95 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.622/khanij-M-M-C- Tees- Vividh (2018-19) dated 18/07/2018	
35. Details of Lease Area in approved DSR	Page No 65; Table No.22	
36. Proposed CER cost	2% of total project cost i.e. Rs.35,37,982/-	
37. Proposed EMP cost/ Total Project Cost	Rs 34,30,403/- & 17,68,99,104/-	
38. Length and Width of Haul Road	Unpaved Length 0.73km and Paved Length 5.98 km and 6 m width	
39. No. of Trees to be Planted	182	

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

The project proponent also informed that as per EIA Notification 14th September, 2006, online submission of EIA report for appraisal after public hearing is next stage in the process of grant of environmental clearance. We are unable to submit our complete EIA report which is of approx. 85 MB on the MoEF&CC portal due to restriction of 20 MB file size. Hence, they are submitting only EMP of the project, minutes of public hearing, risk assessment document which constitute the main domain of an EIA report.

RESOLUTION AGAINST AGENDA NO-18

The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to

recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled.

The recommendation of EC will be subjected to general/ specific conditions as annexed at annexure 1 & 2 to these minutes. 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 setup 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. 35,37,982/- 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.

19. 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

A presentation was made by the project proponent alongwith their consultant M/s ENV 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 River Bed Sand / Morrum Mining Project at Betwa River at Khand No.-23/19, Village - Bhedi Kharka, Tehsil- Sarila, District- Hamirpur, U.P., (Leased Area-12.145 Ha), M/s Harihar Minerals LLP.
2. The public hearing was organized on 19/09/2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/29422/2018 (Old-SIA/UP/MIN/28370/2018)		
2. File No. allotted by SEIAA, UP	4513/4406		
3. Name of Proponent	M/s Harihar Minerals LLP Proprietor- Shri Ram Avatar Singh		
4. Full correspondence address of proponent and mobile no.	M/s Harihar Minerals LLP Proprietor- Shri Ram Avatar Singh S/o Shri Tej Ram Singh, R/o H.No. LLP 405 Kha, New Patel Nagar, Near Kalidas School, Tehsil - Orai, District -Jalaun, U.P.		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 23/19		
7. Name of River	Betwa		
8. Name of Village	Bhedi Kharka		
9. Tehsil	Sarila		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	12.145 ha		
13. Mineable Area (in ha)	9.685 ha		
14. Zero level mRL	101 mRL		
15. Max. & Min mrl within lease area	106 mRL and 104 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	Points	Latitude	Longitude
	A	25°54'9.05"N	79°49'17.09"E
	B	25°54'10.00"N	79°49'43.54"E
	C	25°54'4.60"N	79°49'46.33"E
	D	25°54'4.23"N	79°49'16.95"E
	Workable Area		

	A	25°54'9.05"N	79°49'17.09"E
	F	25°54'9.76"N	79°49'38.22"E
	E	25°54'4.57"N	79°49'40.95"E
	D	25°54'4.23"N	79°49'16.95"E
	Non Workable Area		
	F	25°54'9.76"N	79°49'38.22"E
	B	25°54'10.00"N	79°49'43.54"E
	C	25°54'4.60"N	79°49'46.33"E
	E	25°54'4.57"N	79°49'40.95"E
17. Total Geological Reserves	6,07,250 m ³		
18. Total Mineable Reserves in LOI	1,94,304 m ³ /year		
19. Total Proposed Production	1,94,304 m ³ /year (9,71,520 m ³ in 05 years)		
20. Proposed Production/year	1,94,304 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	707 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 62 labours		
27. No. Of vehicles movement/day	47units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metallad road from site	MDR 41B: 3.8 km*(W)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.22	
	Suppression of dust	21.12	
	Plantation	0.030	
	Others (Stored water)	0.10	
	Total	22.47 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.332/khanij-M-M-C- Tees- Vividh (2018-19) dated 15/05/2018		
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.20,61,713/-		
37. Proposed EMP cost/ Total Project Cost	Rs 43,90,821/- & 10,30,85,656/-		
38. Length and Width of Haul Road	Unpaved Length 1.32 km and Paved Length 6.91 km and 6 m width		
39. No. of Trees to be Planted	91		

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

The project proponent also informed that as per EIA Notification 14th September, 2006, online submission of EIA report for appraisal after public hearing is next stage in the process of grant of environmental clearance. We are unable to submit our complete EIA report which is of approx. 85 MB on the MoEF&CC portal due to restriction of 20 MB file size. Hence, they are submitting only EMP of the project, minutes of public hearing, risk assessment document which constitute the main domain of an EIA report.

RESOLUTION AGAINST AGENDA NO-19

The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled.

The recommendation of EC will be subjected to general/ specific conditions as annexed at annexure 1 & 2 to these minutes. 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 setup 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. 20,61,713/- 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.

20. 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

A presentation was made by the project proponent alongwith their consultant M/s ENV 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 Ken River at Gata No.-747 (Khand No.- 01), Village- Pathreta, Tehsil- Kalpi, District-Jalaun, Uttar Pradesh, (Sanctioned Lease Area-40.02 Ha), M/s Eureka Mines and Minerals LLP.
2. The public hearing was organized on 19/09/2018
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/29419/2018 (Old- SIA/UP/MIN/28125/2018)
2. File No. allotted by SEIAA, UP	4384/4512
3. Name of Proponent	M/s Eureka Mines and Minerals LLP Proprietor - Shri Chandershekhar Chaurasia
4. Full correspondence address of proponent and mobile no.	M/s Eureka Mines and Minerals LLP Proprietor- Shri Chandershekhar Chaurasia S/o Shri Deen Dayal Chaurasia, H.No. 28, Brahmipuri Colony, Near Jugauli Crossing, Faizabad Road, District Lucknow, Uttar Pradesh.
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Gata No. 747, Khand No. 01
7. Name of River	Betwa
8. Name of Village	Pathreta
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	95 mRL		
15. Max. & Min mrl within lease area	103 mRL and 99 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude (N)	Longitude (E)
	A	25°52'28.09"N	79°48'23.44"E
	B	25°52'41.58"N	79°48'32.46"E
	C	25°52'37.32"N	79°48'45.41"E
	D	25°52'24.27"N	79°48'33.20"E
17. Total Geological Reserves	16,19,400 m ³		
18. Total Mineable Reserves in LOI	3,23,880m ³ /year		
19. Total Proposed Production	3,23,880 m ³ /year (16,19,400 m ³ in 05 years)		
20. Proposed Production/year	3,23,880 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1,177.74 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 65 labours		
27. No. Of vehicles movement/day	79 units		
28. Type of Land	Non – Agricultural, Government Waste Land (Revenue land)		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	NH 25(Jhansi-Kanpur Highway)- 28.60 km*(NW)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.40	
	Suppression of dust	10.88	
	Plantation	0.040	
	Others (Stored water)	0.10	
	Total	12.42 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 Jalaun. Letter No. 18/Khanij-MMC-30 Issue Date-06/04/2018		
35. Details of Lease Area in approved DSR	Page No 54; Table No. NIL		
36. Proposed CER cost	2% of total project cost i.e. Rs.26,98,133/-		
37. Proposed EMP cost/ Total Project Cost	Rs 30,28,436/- & 13,49,06,666/-		
38. Length and Width of Haul Road	Unpaved Length 0.68 km and Paved Length 0.93 km and 6 m width		
39. No. of Trees to be Planted	121		

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

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

The project proponent also informed that as per EIA Notification 14th September, 2006, online submission of EIA report for appraisal after public hearing is next stage in the process of grant of environmental clearance. We are unable to submit our complete EIA report which is of approx. 85 MB on the MoEF&CC portal due to restriction of 20 MB file size. Hence, they are submitting only EMP of the project, minutes of public hearing, risk assessment document which constitute the main domain of an EIA report.

RESOLUTION AGAINST AGENDA NO-20

The proponent/consultant has submitted the REIA, which is the amalgamation of several EIAs. The PP/consultant presented this case individually for the grant of EC. After a detailed and in-depth discussion, the committee in-principle agreed to recommend the case for grant of EC. However, the committee directed the PP/consultant to submit individual EIA to Directorate before the SEIAA meeting.

The committee also decided that if complaints lodged by Mr. Amarjeet Singh Bedi, Advocate, NGT Principal Bench, Delhi and Delhi High Court Bar Council of India found to be substantive EC shall be treated as cancelled.

The recommendation of EC will be subjected to general/ specific conditions as annexed at annexure 1 & 2 to these minutes. 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 setup 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. 26,98,133/- 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.
- 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.

(Dr. Sarita Sinha)
Member

(Dr. Arvind Mathur)
Member

(Dr. Virendra Misra)
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 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.