

Minutes of 323th SEAC Meeting Date 25/02/2018

The 323th meeting of SEAC was held in Directorate of Environment, U.P. on 25/02/2018 following members were present in the meeting along with Secretary, SEAC:

1.	Dr. (Prof.) S.N. Singh,	Chairman
2.	Dr. Sarita Sinha,	Member
3.	Dr. Virendra Mishra,	Member
4.	Dr. Richhpal Singh Sangu,	Member
5.	Prof. D.P. Singh,	Member
6.	Dr. Ranjeet Kumar Dalela,	Member
7.	Shri Ramesh Chand Kataria,	Member
8.	Shri Meraj Uddin,	Member

The Chairman welcomed the members to the 323th SEAC meeting.

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

1. Proposed River Bed Sand/Morrum Mining in Yamuna River for Gata No.- 130, 131, 180, 181, 184, 185, 187 and 189, Area- 16.78 ha (41.46 Acres), Village-Gokan, Tehsil & District- Fatehpur, U.P., M/s Rajesh Mishra Construction And Suppliers(Leased Area-16.78 Ha) File No. 4062/Proposal No. (SIA/UP/ MIN /72884/2018)

A presentation was made by Shri Rajesh Mishra, representative of project proponent along with their consultant M/s IND Tech House consultant. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining in Yamuna River for Gata No.- 130, 131, 180, 181, 184, 185, 187 and 189, Area- 16.78 ha (41.46 Acres), Village-Gokan, Tehsil & District- Fatehpur, U.P., M/s Rajesh Mishra Construction And Suppliers(Leased Area-16.78 Ha).

2- Project Details-

1. On-line proposal No.	SIA/UP/MIN/72884/2018
2. File No. allotted by SEIAA, UP	4062
3. Name of Proponent	M/S Rajesh Mishra Construction and Suppliers
4. Full correspondence address of proponent and mobile no.	Sri Rajesh Mishra R/o Village and Post - Ayah, Tehsil and District- Fatehpur, Uttar Pradesh
5. Name of Project	River Bed Sand/Morrum mining in River Yamuna from Gata No. 130, 131, 180, 181, 184, 185, 187 and 189, Area-

	16.78 Ha (41.46 Acres) at Village – Gokan, Tehsil and District - Fatehpur, Uttar Pradesh		
6. Project Location(Plot. Khasra/ Gata No.)	Gata No. 130, 131, 180, 181, 184, 185, 187 and 189		
7. Name of River	Yamuna River		
8. Name of Village	Gokan		
9. Tehsil	Fatehpur		
10. District	Fatehpur		
11. Name of Minor Mineral	River Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	16.78 Ha		
13. Mineable Area (in Ha.)	15.77 Ha		
14. Zero level mRL	72.9 mRL		
15. Max. & Min mRL within lease area	77.9 mRL & 75.5 mRL		
16. Pillar Coordinates (Verified by DMO)	Points	Latitude	Longitude
	A	25° 41.328’ N	80° 45.551’ E
	B	25° 41.444’ N	80° 46.144’ E
	C	25° 41.378’ N	80° 46.171’ E
	D	25° 41.336’ N	80° 46.001’ E
	E	25° 41.383’ N	80° 45.981’ E
	F	25° 41.265’ N	80° 45.576’ E
17. Total Geological Reserves	479625 m ³ /Annum		
18. Total Mineable Reserve in LOI	2,51,700 m ³ /Annum		
19. Total Proposed Production	2,51,700 m ³ /Annum		
20. Proposed Production /year	2,51,700 m ³ /Annum		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1006.80 m ³		
23. Method of Mining	Open cast Manual / Mechanized Mining Method /Bar Scalping or Skimming Method (as per IBM Rules & SSMMG, 2016 MoEF&CC ,GOI) using: Scraper/Excavators. Loaders and Trucks for transportation.		
24. No. of working days	250		
25. Working hours/day	8 Hours / day		
26. No. of worker	54		
27. No. of vehicles movement/day	50 Vehicles / day		
28. Type of Land	River bed (Govt. Land)		
29. Ultimate of Depth of Mining	2.0 meter		
30. Nearest metalled road from site	400 m		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.62	
	Suppression of dust	4.80	
	Plantation	1.22	
	Others (if any)	-	
	Total	7.64 Kld	
32. Name of QCI Accredited Consultant with OCI No and	IND TECH HOUSE CONSULT OCI NO.- 83		

period of validity.	Period Of Validity Upto, 23 July 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. 369 Dated. 20/FEB/2018
35. Details of Lease Area in approved DSR	Page No. 48 (Sr.no.31) Chapter No.(Table) 07 (21)
36. Total Project Cost	Rs. 62.00 Lakh
37. Proposed CSR cost	3.10 Lakh
38. Proposed EMP cost	9.63 Lakh
39. Length and breadth of Haul Road	250 meter length & 6 meter width haulage Road

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

Resolution against agenda no-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. Project proponent should ensure survival of tree samplings. Mortality should be replaced from time to time.
2. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
3. One month monitoring report of the area for air quality, water quality, Noise level, Flora & Fauna should be conducted twice a week and be submitted within 45 days for a record.
4. Provision for cylinder to workers should be made for cooking.
5. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
6. Provide suitable mask to the worker.
7. Approach road kaccha is to be made motarable and tree samplings to be planted on both sides of the road.
8. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
9. 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.
10. Provision for two toilets and hand pumps should be made at mining site.
11. Drinking water for workers would be provided by tankers.
12. Mining should be done by Bar scalping or skimming methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
13. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.

14. Total Project Cost has been submitted as Rs. 62 Lacs. A CSR plan with minimum Rs. 3.1 lacs work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Fatehpur, U.P.
15. Detail of works under CSR which has to be executed as above is to be submitted with an affidavit to Directorate as well as to the District magistrate / Chief Development officers, Fatehpur, U.P.
16. 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.
17. Measure for conservation of water rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CSR.
18. 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 to be taken and details to be provided to concerned Department.
19. Width of the haul road shall be more than 6 meter.
20. 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.
21. The Committee appraised the Project as per the SSMMG-2016, proposed a working area based on the coordinates given in point no. 16, which are verified by the DMO, Fatehpur and the proposed production of 2,51,700 m³/year as against the proponent's presentation of 2,51,700 m³/year. The committee recommended grant of Environment Clearance for the Lease.

2. Proposed River Bed Sand/Morrum Mining from Betwa River for M/s Silvrr Mist Retail Pvt.Ltd., located at Khand No.-23/30, Village-Beri, Tehsil-Sadar, District-Hamirpur, Sanctioned Lease Area-12.145 ha, Effective Working Area- 8.775 ha File No. 4063/Proposal No. (SIA/UP/MIN /72740/2018)

A presentation was made by Shri Vishwash Parmani, representative of project proponent along with 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 Proposed River Bed Sand/Morrum Mining from Betwa River for M/s Silvrr Mist Retail Pvt. Ltd., located at Khand No.-23/30, Village-Beri, Tehsil-Sadar, District-Hamirpur, Sanctioned Lease Area-12.145 ha, Effective Working Area- 8.775 ha.

2- Project Details-

1. On-line proposal No.	SIA/UP/MIN/72740/2018
2. File No. allotted by SEIAA, UP	4063
3. Name of Proponent	Shri Prashant Kumar Malviya
4. Full correspondence address of proponent and mobile no.	M/s Silvrr Mist Retail Private Limited Proprietor- Shri Prashant Kumar Malviya S/o Shri Santosh Malviya R/o Ward No - 10 ,Sadar Ward, Hoshangabad, Madhya Pradesh.461771
5. Name of Project	Sand/Morrum Mining

6. Project location (Plot/Khasra/Gata No.)	Khand No. 23/30		
7. Name of River	Betwa		
8. Name of Village	Beri		
9. Tehsil	Sadar		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	12.145 ha		
13. Mineable Area (in ha)	8.775 ha		
14. Zero level mRL	95 mRL		
15. Max. & Min mrl within lease area	106 mRL and 96 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°53'26.52"N	79°53'31.17"E
	B	25°53'24.48"N	79°53'36.62"E
	C	25°53'40.10"N	79°53'50.41"E
	D	25°53'44.12"N	79°53'43.53"E
	Submerged Area		
	E	25°53'32.41"N	79°53'35.29"E
	F	25°53'32.19"N	79°53'43.44"E
	G	25°53'36.23"N	79°53'46.98"E
	H	25°53'36.87"N	79°53'38.44"E
	Workable Area-1		
	A	25°53'26.52"N	79°53'31.17"E
	B	25°53'24.48"N	79°53'36.62"E
	E	25°53'32.41"N	79°53'35.29"E
	F	25°53'32.19"N	79°53'43.44"E
	Workable Area-2		
	G	25°53'36.23"N	79°53'46.98"E
	H	25°53'36.87"N	79°53'38.44"E
	C	25°53'40.10"N	79°53'50.41"E
	D	25°53'44.12"N	79°53'43.53"E
17. Total Geological Reserves	6,07,250 m ³		
18. Total Mineable Reserves in LOI	1,94,304 m ³ /year		
19. Total mineable reserve approved in mine plan Proposed Production per Form-1, PFR & EMP and presentation submitted to SEAC UP	1,94,304 m ³ /year (9,71,520 m ³ for 5 years)		
20. Proposed Production/year	1,94,304 m ³		
21. Sanctioned Period of Mine lease	5 years		

22. Production of mine/day	706.56 m ³ /day	
23. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none">• Scraper/light earth movers• Chain based Bulldozer for rescue & salvage• Loader• Truck & tractors for transportation	
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	79 units	
28. Type of Land	Government Land	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	MDR (Kadaura- Bewar)– 9.0 km* (in West Direction)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.52
	Suppression of dust	12.6
	Plantation	0.03
	Others (if any)	-
	Total	13.15 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.1140/Khanij-MMC-30-Vividh dated 31/01/2018	
35. Details of Lease Area in approved DSR	Page No 63; Table No. NIL	
36. Total Project Cost	Rs. 1,40,43,350/-	
37. Proposed CSR cost	5% of total project cost i.e. Rs.7,02,167/-	
38. Proposed EMP cost	Rs. 30,12,700/-	
39. Length and Width of Haul Road	1000 m Length and 6 m width	

- 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-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. Project proponent should ensure survival of tree samplings. Mortality should be replaced from time to time.
2. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
3. One month monitoring report of the area for air quality, water quality, Noise level, Flora & Fauna should be conducted twice a week and be submitted within 45 days for a record.
4. Provision for cylinder to workers should be made for cooking.
5. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
6. Provide suitable mask to the worker.
7. Approach road kaccha is to be made motarable and tree samplings to be planted on both sides of the road.
8. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
9. 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.
10. Provision for two toilets and hand pumps should be made at mining site.
11. Drinking water for workers would be provided by tankers.
12. Mining should be done Bar scalping or skimming methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
13. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
14. Total Project Cost has been submitted as Rs. 1,40,43,350. A CSR plan with minimum Rs. 7,02,167 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.
15. Detail of works under CSR which has to be executed as above is to be submitted with an affidavit to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
16. 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.
17. Measure for conservation of water rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CSR.
18. 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 to be taken and details to be provided to concerned Department.
19. Width of the haul road shall be more than 6 meter.
20. 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.
21. The Committee appraised the Project as per the SSMMG-2016, proposed a working area based on the coordinates given in point no. 16, which are verified by the DMO, Hamirpur and the proposed production of 1,94,304 m³/year as against the proponent's presentation of 1,94,304 m³/year. The committee recommended grant of Environment Clearance for the Lease.

3. Proposed River Bed Sand/Morrum Mining from Betwa River for M/s Silvrr Mist Retail Pvt. Ltd. Located at Khand No.-23/28, Village- Beri, Tehsil- Sadar, District- Hamirpur, U.P., Sanctioned Lease Area- 12.145 ha (30 Acre), Effective Working Area- 7.245 ha (17.90 Acre) File No. 4064/Proposal No. (SIA/UP/ MIN /72724/2018)

A presentation was made by Shri Prashant Kumar Malviya, representative of project proponent along with their consultant M/s ENV DAS India Pvt. Ltd., Lucknow . The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed Proposed River Bed Sand/Morrum Mining from Betwa River for M/s Silvrr Mist Retail Pvt. Ltd. Located at Khand No.- 23/28, Village- Beri, Tehsil- Sadar, District- Hamirpur, U.P., Sanctioned Lease Area- 12.145 ha (30 Acre), Effective Working Area- 7.245 ha (17.90 Acre)

2- Project Details-

1. On-line proposal No.	SIA/UP/MIN/72764/2018		
2. File No. allotted by SEIAA, UP	4064		
3. Name of Proponent	Shri Prashant Kumar Malviya		
4. Full correspondence address of proponent and mobile no.	M/s Silvrr Mist Retail Private Limited Proprietor- Shri Prashant Kumar Malviya S/o Shri Santosh Malviya R/o Ward No - 10 ,Sadar Ward, Hoshangabad, Madhya Pradesh- 461771		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 23/28		
7. Name of River	Betwa		
8. Name of Village	Beri		
9. Tehsil	Sadar		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	12.145 ha		
13. Mineable Area (in ha)	7.245 ha		
14. Zero level mRL	96 mRL		
15. Max. & Min mrl within lease area	105 mRL and 97 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Area		
	A	25°53'22.00"N	79°53'39.67"E
	B	25°53'17.85"N	79°53'44.81"E
	C	25°53'26.65"N	79°53'59.41"E
	D	25°53'33.86"N	79°53'53.57"E
	Working area		
	Pillars	Latitude	Longitude
	A	25°53'22.00"N	79°53'39.67"E
	B	25°53'17.85"N	79°53'44.81"E
	E	25°53'23.42"N	79°53'54.01"E
F	25°53'29.83"N	79°53'48.78"E	
17. Total Geological Reserves	6,07,250m ³		

18. Total Mineable Reserves in LOI	1,94,304 m ³ /year	
19. Total mineable reserve approved in mine plan Proposed Production per Form-1, PFR & EMP and presentation submitted to SEAC UP	1,94,304 m ³ /year (9,71,520 m ³ for 5 years)	
20. Proposed Production/year	1,94,304 m ³	
21. Sanctioned Period of Mine lease	5 years	
22. Production of mine/day	706.56 m ³ /day	
23. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none">• Scraper/light earth movers• Chain based Bulldozer for rescue & salvage• Loader• Truck & tractors for transportation	
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	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	MDR (Kadaura- Bewar)– 9.20 km* (in West Direction)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.52
	Suppression of dust	18
	Plantation	0.03
	Others (if any)	-
	Total	18.55 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.1139/Khanij-MMC-30-Vividh dated 31.01.2018	
35. Details of Lease Area in approved DSR	Page No 63; Table No. NIL	
36. Total Project Cost	Rs. 1,40,43,350/-	
37. Proposed CSR cost	5% of total project cost i.e. Rs.7,02,167/-	
38. Proposed EMP cost	Rs. 30,12,700/-	
39. Length and Width of Haul Road	710 m Length and 6 m width	

- 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-3

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. Project proponent should ensure survival of tree samplings. Mortality should be replaced from time to time.
2. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
3. One month monitoring report of the area for air quality, water quality, Noise level, Flora & Fauna should be conducted twice a week and be submitted within 45 days for a record.
4. Provision for cylinder to workers should be made for cooking.
5. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
6. Provide suitable mask to the worker.
7. Approach road kaccha is to be made motarable and tree samplings to be planted on both sides of the road.
8. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
9. 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.
10. Provision for two toilets and hand pumps should be made at mining site.
11. Drinking water for workers would be provided by tankers.
12. Mining should be done Bar scalping or skimming methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
13. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
14. Total Project Cost has been submitted as Rs. 1,40,43,350. A CSR plan with minimum Rs. 7,02,357 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.
15. Detail of works under CSR which has to be executed as above is to be submitted with an affidavit to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
16. 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.
17. Measure for conservation of water rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CSR.
18. 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 to be taken and details to be provided to concerned Department.
19. Width of the haul road shall be more than 6 meter.
20. 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.
21. The Committee appraised the Project as per the SSMMG-2016, proposed a working area based on the coordinates given in point no. 16, which are verified by the DMO, Hamirpur and the proposed production of 1,94,304 m³/year as against the proponent's presentation of 1,94,304 m³/year. The committee recommended grant of Environment Clearance for the Lease.

4. Proposed River Bed Sand/Morrum Mining from Betwa River for M/s Sharad Enterprises located at Gata No.- 240, Khand No.- 2 , Village- Himanpura, Tehsil- Kalpi, District- Jalaun, U.P., Working Area- 16.40 ha(43.0 Acre), Sanctioned Lease Area- 20.242 ha (50 Acre) File No. 4069/Proposal No. (SIA/UP/ MIN /72749/2018)

A presentation was made by Shri Sharad Pratap Singh Yadav, representative of project proponent along with their consultant M/s ENV DAS India Pvt. Ltd., Lucknow . The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed Proposed River Bed Sand/Morrum Mining from Betwa River for M/s Sharad Enterprises located at Gata No.- 240, Khand No.- 2 , Village-Himanpura, Tehsil- Kalpi, District- Jalaun, U.P., Working Area- 16.40 ha(43.0 Acre), Sanctioned Lease Area- 20.242 ha (50 Acre).
- 2- Project Details-

1. On-line proposal No.	SIA/UP/MIN/72749/2018																													
2. File No. allotted by SEIAA, UP	4069																													
3. Name of Proponent	Shri Sharad Pratap Singh Yadav																													
4. Full correspondence address of proponent and mobile no.	M/s Sharad Enterprises Proprietor- Shri Sharad Pratap Singh Yadav S/o Shri Shyam Sundar Singh Yadav R/o H. No. 240, 4A, Civil Lines, Kachhehri Chauraha, District- Jhansi, U.P. 284305																													
5. Name of Project	Sand/Morrum Mining																													
6. Project location (Plot/Khasra/Gata No.)	Gata No.240 Khand No.2																													
7. Name of River	Betwa																													
8. Name of Village	Himanpura																													
9. Tehsil	Kalpi																													
10. District	Jalaun																													
11. Name of Minor Mineral	Sand/Morrum																													
12. Sanctioned Lease Area (in ha)	20.242 ha																													
13. Mineable Area (in ha)	16.40 ha																													
14. Zero level mRL	99 mRL																													
15. Max. & Min mrl within lease area	108 mRL and 100 mRL																													
16. Pillar Coordinates (Verified by DMO)	<table><tr><th>Pillar</th><th>Latitude (N)</th><th>Longitude (E)</th></tr><tr><td colspan="3">Sanctioned Lease Area</td></tr><tr><td>A</td><td>25°51'51.33"N</td><td>79°47'49.56"E</td></tr><tr><td>B</td><td>25°51'58.31"N</td><td>79°48'8.54"E</td></tr><tr><td>C</td><td>25°52'10.14"N</td><td>79°48'0.93"E</td></tr><tr><td>D</td><td>25°52'6.77"N</td><td>79°47'50.48"E</td></tr><tr><td colspan="3">Workable Area</td></tr><tr><td>E</td><td>25°51'56.16"N</td><td>79°47'49.87"E</td></tr><tr><td>F</td><td>25°51'57.84"N</td><td>79°48'7.75"E</td></tr></table>			Pillar	Latitude (N)	Longitude (E)	Sanctioned Lease Area			A	25°51'51.33"N	79°47'49.56"E	B	25°51'58.31"N	79°48'8.54"E	C	25°52'10.14"N	79°48'0.93"E	D	25°52'6.77"N	79°47'50.48"E	Workable Area			E	25°51'56.16"N	79°47'49.87"E	F	25°51'57.84"N	79°48'7.75"E
Pillar	Latitude (N)	Longitude (E)																												
Sanctioned Lease Area																														
A	25°51'51.33"N	79°47'49.56"E																												
B	25°51'58.31"N	79°48'8.54"E																												
C	25°52'10.14"N	79°48'0.93"E																												
D	25°52'6.77"N	79°47'50.48"E																												
Workable Area																														
E	25°51'56.16"N	79°47'49.87"E																												
F	25°51'57.84"N	79°48'7.75"E																												

	<table><tr><td>G</td><td>25°52'9.89"N</td><td>79°48'0.22"E</td></tr><tr><td>D</td><td>25°52'6.77"N</td><td>79°47'50.48"E</td></tr></table>	G	25°52'9.89"N	79°48'0.22"E	D	25°52'6.77"N	79°47'50.48"E
G	25°52'9.89"N	79°48'0.22"E					
D	25°52'6.77"N	79°47'50.48"E					
17. Total Geological Reserves	10,12,100 m ³						
18. Total Mineable Reserves in LOI	3,03,630 m ³ /year						
19. Total mineable reserve approved in mine plan Proposed Production per Form-1, PFR & EMP and presentation submitted to SEAC UP	3,03,630 m ³ /year (15,18,150 m ³ for 5 years)						
20. Proposed Production/year	3,03,630 m ³						
21. Sanctioned Period of Mine lease	5 years						
22. Production of mine/day	1104.10 m ³ /day						
23. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none">• Scraper/light earth movers• Chain based Bulldozer for rescue & salvage• Loader• Truck & tractors for transportation						
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	123 units						
28. Type of Land	Government Land						
29. Ultimate Depth of Mining	3 m						
30. Nearest metalled road from site	MDR (Kadapura- Bewar)- 0.25 km*(East)						
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)					
	Drinking	0.52					
	Suppression of dust	5.4					
	Plantation	0.05					
	Others (if any)	-					
	Total	5.79 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. 845/Khanij dated 30.01.2018						
35. Details of Lease Area in approved DSR	Page No 54; Table No. NIL						
36. Total Project Cost	Rs. 1,41,47,150/-						
37. Proposed CSR cost	5 % of total project cost Rs.7,07,357/-						
38. Proposed EMP cost	Rs. 29,34,500/-						
39. Length and Width of Haul Road	450 m Length and 6 m width						

- 3- The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
- 4- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.

- 5- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- 6- There is no litigation pending in any court regarding this project.
- 7- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-10

The committee discussed the matter 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. Project proponent should ensure survival of tree samplings. Mortality should be replaced from time to time.
2. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
3. One month monitoring report of the area for air quality, water quality, Noise level, Flora & Fauna should be conducted twice a week and be submitted within 45 days for a record.
4. Provision for cylinder to workers should be made for cooking.
5. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
6. Provide suitable mask to the worker.
7. Approach road kaccha is to be made motarable and tree samplings to be planted on both sides of the road.
8. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
9. 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.
10. Provision for two toilets and hand pumps should be made at mining site.
11. Drinking water for workers would be provided by tankers.
12. Mining should be done Bar scalping or skimming methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
13. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
14. Total Project Cost has been submitted as Rs. 1,41,47,150. A CSR plan with minimum Rs. 7,07,357 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.
15. Detail of works under CSR which has to be executed as above is to be submitted with an affidavit to Directorate as well as to the District magistrate / Chief Development officers, Jalaun, U.P.
16. 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.
17. Measure for conservation of water rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CSR.
18. 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 to be taken and details to be provided to concerned Department.
19. Width of the haul road shall be more than 6 meter.

20. 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.
21. The Committee appraised the Project as per the SSMMG-2016, proposed a working area based on the coordinates given in point no. 16, which are verified by the DMO, Jalaun and the proposed production of 3,03,630 m³/year as against the proponent's presentation of 3,03,630 m³/year. The committee recommended grant of Environment Clearance for the Lease.

5. Proposed River Bed Sand/Morrum Mining from Betwa River for M/s Ghanaram Infraengineers Pvt Ltd. located at Gata No.- 240, Khand No.-5, Village-Himanpura, Tehsil- Kalpi, District- Jalaun, U.P., Working Area- 14.80 ha (36.57 Acre), Sanctioned Lease Area- 16.194 ha (40 Acre) File No. 4071/Proposal No. (SIA/UP/ MIN /72750/2018)

A presentation was made by Shri Bishan Singh, representative of project proponent along with their consultant M/s ENV DAS India Pvt. Ltd., Lucknow . The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed Proposed River Bed Sand/Morrum Mining from Betwa River for M/s Ghanaram Infra engineers Pvt Ltd. located at Gata No.- 240, Khand No.-5, Village-Himanpura, Tehsil- Kalpi, District- Jalaun, U.P., Working Area- 14.80 ha (36.57 Acre), Sanctioned Lease Area- 16.194 ha (40 Acre).
- 2- Project Details-

1. On-line proposal No.	SIA/UP/MIN/72750/2018
2. File No. allotted by SEIAA, UP	4071
3. Name of Proponent	Shri Bishan Singh
4. Full correspondence address of proponent and mobile no.	M/s Ghanaram Infraengineers Private Limied Proprietor- Shri Bishan Singh S/o Shri Ghanaram Singh H/o No. 240/4A, Civil Lines, Kachhehri Chauraha, District- Jhansi, U.P.284001
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Gata No.240 Khand No.5
7. Name of River	Betwa
8. Name of Village	Himanpura
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)	14.80 ha
14. Zero level mRL	98 mRL
15. Max. & Min mrl within lease area	108 mRL and 99 mRL

16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	A	25°51'52.26"N	79°47'4.94"E
	B	25°51'48.41"N	79°47'17.63"E
	C	25°52'3.87"N	79°47'18.76"E
	D	25°52'5.87"N	79°47'6.32"E
	WORKABLE AREA		
	D	25°52'5.87"N	79°47'6.32"E
	C	25°52'3.87"N	79°47'18.76"E
	E	25°51'50.70"N	79°47'17.78"E
	F	25°51'53.05"N	79°47'5.02"E
17. Total Geological Reserves	8,09,700 m ³		
18. Total Mineable Reserves in LOI	2,42,910 m ³ /year		
19. Total mineable reserve approved in mine plan Proposed Production per Form-1, PFR & EMP and presentation submitted to SEAC UP	2,42,910 m ³ /year (12,14,550 m ³ for 5 years)		
20. Proposed Production/year	2,42,910 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	883.30 m ³ /day		
23. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none">• Scraper/light earth movers• Chain based Bulldozer for rescue & salvage• Loader• Truck & tractors for transportation		
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	98units		
28. Type of Land	Government Land		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	MDR (Kadaura- Bewar)- 1.5 km*(NE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	14.4	
	Plantation	0.04	
	Others (if any)	-	
	Total	14.96 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.860/Khanij dated 08.02.2018		
35. Details of Lease Area in approved DSR	Page No 54; Table No. NIL		

36. Total Project Cost	Rs. 1,40,95,250/-
37. Proposed CSR cost	5% of total project cost i.e. Rs.7,04,762/-
38. Proposed EMP cost	Rs. 31,08,600/-
39. Length and Width of Haul Road	1200 m Length and 6 m width

- 1- 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.
- 2- This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
- 3- 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.
- 4- There is no litigation pending in any court regarding this project.
- 5- The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

Resolution against agenda no-5

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. Project proponent should ensure survival of tree samplings. Mortality should be replaced from time to time.
2. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
3. One month monitoring report of the area for air quality, water quality, Noise level, Flora & Fauna should be conducted twice a week and be submitted within 45 days for a record.
4. Provision for cylinder to workers should be made for cooking.
5. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
6. Provide suitable mask to the worker.
7. Approach road kaccha is to be made motarable and tree samplings to be planted on both sides of the road.
8. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
9. 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.
10. Provision for two toilets and hand pumps should be made at mining site.
11. Drinking water for workers would be provided by tankers.
12. Mining should be done Bar scalping or skimming methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
13. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
14. Total Project Cost has been submitted as Rs. 1,40,95,250. A CSR plan with minimum Rs. 7,04,762 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.
15. Detail of works under CSR which has to be executed as above is to be submitted with an affidavit to Directorate as well as to the District magistrate / Chief Development officers, Jalaun, U.P.

16. 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.
17. Measure for conservation of water rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CSR.
18. 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 to be taken and details to be provided to concerned Department.
19. Width of the haul road shall be more than 6 meter.
20. 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.
21. The Committee appraised the Project as per the SSMMG-2016, proposed a working area based on the coordinates given in point no. 16, which are verified by the DMO, Jalaun and the proposed production of 2,42,910 m³/year as against the proponent's presentation of 2,42,910 m³/year. The committee recommended grant of Environment Clearance for the Lease.

6. Proposed River Bed Sand/Morrum Mining from Yamuna River for M/s Ghanaram Infraengineers Pvt Ltd. located at Khand No.- k-1, Gata No.- 364 Mi, 366 Mi, 367 Mi, 390 Mi, Village-Kharaka, Tehsil-Bhognipur, District- Kanpur Dehat, U.P. Working Area- 16.3 ha(40.27), Sanctioned Lease Area- 17.56 ha (43.39) File No. 4072/Proposal No. (SIA/UP/ MIN /72931/2018)

A presentation was made by Shri Bishan Singh, representative of project proponent along with their consultant M/s ENV DAS India Pvt. Ltd., Lucknow . The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed Proposed River Bed Sand/Morrum Mining from Yamuna River for M/s Ghanaram Infraengineers Pvt Ltd. located at Khand No.- k-1, Gata No.- 364 Mi, 366 Mi, 367 Mi, 390 Mi, Village-Kharaka, Tehsil-Bhognipur, District- Kanpur Dehat, U.P. Working Area- 16.3 ha(40.27), Sanctioned Lease Area- 17.56 ha (43.39).

2- Project Details-

1. On-line proposal No.	SIA/UP/MIN/72931/2018
2. File No. allotted by SEIAA, UP	4072
3. Name of Proponent	Shri Bishan Singh
4. Full correspondence address of proponent and mobile no.	M/s Ghanaram Infraengineers Private Limited Proprietor- Shri Bishan Singh S/o Shri Ghanaram R/o Station Road, Parichha, Jhansi, U.P. 284305
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No. K-1 Gata No. 364Mi, 365Mi, 366Mi, 367Mi, 390Mi
7. Name of River	Yamuna
8. Name of Village	Kharka
9. Tehsil	Bhognipur

10. District	Kanpur Dehat,		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in ha)	17.56 ha		
13. Mineable Area (in ha)	16.3 ha		
14. Zero level mRL	99 mRL		
15. Max. & Min mrl within lease area	104 mRL and 100 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	Sanctioned Lease Area		
	A	26°12'49.42"N	79°39'6.38"E
	B	26°12'38.03"N	79°39'0.59"E
	C	26°12'37.32"N	79°39'21.81"E
	D	26°12'45.26"N	79°39'25.10"E
	Workable Area		
	A	26°12'49.42"N	79°39'6.38"E
	B	26°12'38.03"N	79°39'0.59"E
	D	26°12'45.26"N	79°39'25.10"E
	F	26°12'37.69"N	79°39'10.32"E
	E	26°12'39.31"N	79°39'22.62"E
17. Total Geological Reserves	8,78,000 m ³		
18. Total Mineable Reserves in LOI	2,63,400 m ³ /year		
19. Total mineable reserve approved in mine plan Proposed Production per Form-1, PFR & EMP and presentation submitted to SEAC UP	2,63,400 m ³ /year (13,17,000 m ³ for 5 years)		
20. Proposed Production/year	2,63,400 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	957.8 m ³		
23. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none"> • Scraper/light earth movers • Chain based Bulldozer for rescue & salvage • Loader • Truck & tractors for transportation 		
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	106 units		
28. Type of Land	Government Land		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	NH25 (Kanpur-Jhansi Highway) – 12.80 km* (in SE Direction)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	16.8	
	Plantation	0.043	
	Others (if any)	-	

	Total	17.36 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 Kanpur Dehat. Letter No. 286/Up Khanij- e-tender sah e-neelami 2017-18 dated 25.01.2018	
35. Details of Lease Area in approved DSR	Page No 11; Table No. 3	
36. Total Project Cost	Rs. 1,41,08,225/-	
37. Proposed CSR cost	5% of total project cost i.e. Rs. 7,05,411/-	
38. Proposed EMP cost	Rs. 31,32,575/-	
39. Length and Width of Haul Road	2100 m Length and 6 m width	

- 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-6

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. Project proponent should ensure survival of tree samplings. Mortality should be replaced from time to time.
2. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
3. One month monitoring report of the area for air quality, water quality, Noise level, Flora & Fauna should be conducted twice a week and be submitted within 45 days for a record.
4. Provision for cylinder to workers should be made for cooking.
5. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
6. Provide suitable mask to the worker.
7. Approach road kaccha is to be made motarable and tree samplings to be planted on both sides of the road.
8. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
9. 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.
10. Provision for two toilets and hand pumps should be made at mining site.
11. Drinking water for workers would be provided by tankers.
12. Mining should be done Bar scalping or skimming methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
13. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.

14. Total Project Cost has been submitted as Rs. 1,41,08,225. A CSR plan with minimum Rs. 7,05,411 work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers, Kanpur Dehat, U.P.
15. Detail of works under CSR which has to be executed as above is to be submitted with an affidavit to Directorate as well as to the District magistrate / Chief Development officers, Kanpur Dehat, U.P.
16. 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.
17. Measure for conservation of water rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CSR.
18. 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 to be taken and details to be provided to concerned Department.
19. Width of the haul road shall be more than 6 meter.
20. 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.
21. The Committee appraised the Project as per the SSMMG-2016, proposed a working area based on the coordinates given in point no. 16, which are verified by the DMO, Kanpur Dehat and the proposed production of 2,63,400 m³/year as against the proponent's presentation of 2,63,400 m³/year. The committee recommended grant of Environment Clearance for the Lease.

7. Proposed River Bed Sand Mining from Yamuna River for M/s Ghanaram Infraengineers Pvt Ltd. located at Gata No.- 138, Village-Bichawali Kachar, Tehsil- Sikandra, District- Kanpur Dehat, U.P., Lease Area- 24.24 ha File No. 4073/Proposal No. (SIA/UP/ MIN /72746/2018)

A presentation was made by Shri Bishan Singh, representative of project proponent along with their consultant M/s ENV DAS India Pvt. Ltd., Lucknow. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand Mining from Yamuna River for M/s Ghanaram Infra engineers Pvt Ltd. located at Gata No.- 138, Village-Bichawali Kachar, Tehsil- Sikandra, District- Kanpur Dehat, U.P., Lease Area- 24.24 ha.

2- Project Details-

1. On-line proposal No.	SIA/UP/MIN/72746/2018
2. File No. allotted by SEIAA, UP	4073
3. Name of Proponent	Shri Bishan Singh
4. Full correspondence address of proponent and mobile no.	M/s Ghanaram Infra Engineers Pvt. Ltd Proprietor- Shri Bishan Singh S/o Shri Ghanaram Singh R/o 818, West Patel Nagar, New Delhi
5. Name of Project	Sand Mining

6. Project location (Plot/Khasra/Gata No.)	Gata No. 138		
7. Name of River	Yamuna		
8. Name of Village	Bichawali Kachar		
9. Tehsil	Sikandra		
10. District	Kanpur Dehat		
11. Name of Minor Mineral	Sand		
12. Sanctioned Lease Area (in ha)	24.24 ha		
13. Mineable Area (in ha)	24.24 ha		
14. Zero level mRL	100 mRL		
15. Max. & Min mrl within lease area	106 mRL and 101 mRL		
16. Pillar Coordinates (Verified by DMO)	Points	Latitude	Longitude
	Sanctioned Lease Area		
	A	26°19'13.90"N	79°31'51.62"E
	B	26°19'10.99"N	79°32'4.08"E
	C	26°18'50.42"N	79°31'52.75"E
	D	26°18'52.65"N	79°31'40.97"E
17. Total Geological Reserves	12,12,000 m ³		
18. Total Mineable Reserves in LOI	2,42,400 m ³ /year		
19. Total mineable reserve approved in mine plan	2,42,400 m ³ /year (12,12,000 m ³ for 5 years)		
20. Proposed Production per Form-1, PFR & EMP and presentation submitted to SEAC UP			
21. Proposed Production/year	2,42,400 m ³		
22. Sanctioned Period of Mine lease	5 years		
23. Production of mine/day	881.45 m ³ /day		
24. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none">• Scraper/light earth movers• Loader• Truck & tractors for transportation• Chain based Bulldozer for rescue and salvage		
25. No. of working days	275 days		
26. Working hours/day	12 hours		
27. No. Of workers	Approximately 52 labours		
28. No. Of vehicles movement/day	89 units		
29. Type of Land	Government Land		
30. Ultimate Depth of Mining	3 m		
31. Nearest metalled road from site	MDR 23B (Kalpi-Madaripur Marg)- 7.30 km*(South-West direction)		
32. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.52
	Suppression of dust		10.80
	Plantation		0.08
	Others (if any)		-
	Total		11.40 KLD
33. 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.		

34. Any litigation pending against the project or land in any court	None
35. Details of 500 m Cluster Map & certificate verified by Mining Officer	Issued vide Letter No-284//up khanij-e-tender cum e- auction (2017-18) Dated-25.01.2018 by DMO, Kanpur Dehat
36. Details of Lease Area in approved DSR	Page No 10; Serial No. 09
37. Total Project Cost	Rs. 1,42,57,090/-
38. Proposed CSR cost	CSR cost is estimated as 5% of the Total Project Cost which is approx Rs.7,12,855/
39. Proposed EMP cost	Cost of EMP is estimated as Rs.33,10,640/
40. Length and Width of Haul Road	1800 m Length and 6 m width

- 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-7

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. Project proponent should ensure survival of tree samplings. Mortality should be replaced from time to time.
2. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
3. One month monitoring report of the area for air quality, water quality, Noise level, Flora & Fauna should be conducted twice a week and be submitted within 45 days for a record.
4. Provision for cylinder to workers should be made for cooking.
5. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
6. Provide suitable mask to the worker.
7. Approach road kaccha is to be made motarable and tree samplings to be planted on both sides of the road.
8. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
9. 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.
10. Provision for two toilets and hand pumps should be made at mining site.
11. Drinking water for workers would be provided by tankers.
12. Mining should be done Bar scalping or skimming methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
13. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
14. Total Project Cost has been submitted as Rs. 1,42,57,090. A CSR plan with minimum Rs. 7,12,855 work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should

- be submitted to Directorate as well as to the District magistrate / Chief Development officers, Kanpur Dehat, U.P.
15. Detail of works under CSR which has to be executed as above is to be submitted with an affidavit to Directorate as well as to the District magistrate / Chief Development officers, Kanpur Dehat, U.P.
 16. 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.
 17. Measure for conservation of water rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CSR.
 18. 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 to be taken and details to be provided to concerned Department.
 19. Width of the haul road shall be more than 6 meter.
 20. 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.
 21. The Committee appraised the Project as per the SSMMG-2016, proposed a working area based on the coordinates given in point no. 16, which are verified by the DMO, Kanpur Dehat and the proposed production of 2,42,400 m³/year as against the proponent's presentation of 2,42,400 m³/year. The committee recommended grant of Environment Clearance for the Lease.

8. Proposed River Bed Sand/Morrum Mining from Betwa River for M/s Chaudhary Traders at Khand No.- 23/8 , Village-Bhedi Kharaka, Tehsil-Sarila, District- Hamirpur.,U.P. Sanctioned Lease Area- 24.291 ha, Effective Area- 21.401 ha File No. 4074/Proposal No. (SIA/UP/ MIN /72934/2018)

A presentation was made by Shri Girraj Kumar Sharma, representative of project proponent along with their consultant M/s ENV DAS India Pvt. Ltd., Lucknow . The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining from Betwa River for M/s Chaudhary Traders at Khand No.- 23/8 , Village-Bhedi Kharaka, Tehsil- Sarila, District- Hamirpur.,U.P. Sanctioned Lease Area- 24.291 ha, Effective Area- 21.401 ha.
- 2- Project Details-

1. On-line proposal No.	SIA/UP/MIN/72934/2018
2. File No. allotted by SEIAA, UP	4074
3. Name of Proponent	Shri Girraj Kumar Sharma
4. Full correspondence address of proponent and mobile no.	M/s Chaudhary Traders Proprietor- Shri Girraj Kumar Sharma S/o Shri Ramji Lal Sharma R/o Muraina Road, Badfara Ambah Muraina, M.P.
5. Name of Project	Sand Mining

6. Project location (Plot/Khasra/Gata No.)	Khand No. 23/8																																								
7. Name of River	Betwa																																								
8. Name of Village	Bhedi Kharka																																								
9. Tehsil	Sarila																																								
10. District	Hamirpur																																								
11. Name of Minor Mineral	Sand																																								
12. Sanctioned Lease Area (in ha)	24.291 ha																																								
13. Mineable Area (in ha)	21.401 ha																																								
14. Zero level mRL	98 mRL																																								
15. Max. & Min mrl within lease area	102 mRL and 99 mRL																																								
16. Pillar Coordinates (Verified by DMO)		<table><tr><th>Points</th><th>Latitude</th><th>Longitude</th></tr><tr><td colspan="3">Sanctioned Lease Area</td></tr><tr><td>A</td><td>25°54'26.63"N</td><td>79°48'31.08"E</td></tr><tr><td>B</td><td>25°54'26.74"N</td><td>79°48'51.99"E</td></tr><tr><td>C</td><td>25°54'39.74"N</td><td>79°48'55.74"E</td></tr><tr><td>D</td><td>25°54'43.66"N</td><td>79°48'56.89"E</td></tr><tr><td>E</td><td>25°54'41.61"N</td><td>79°48'46.30"E</td></tr><tr><td colspan="3">Workable Area</td></tr><tr><td>A</td><td>25°54'26.63"N</td><td>79°48'31.08"E</td></tr><tr><td>B</td><td>25°54'26.74"N</td><td>79°48'51.99"E</td></tr><tr><td>C</td><td>25°54'39.74"N</td><td>79°48'55.74"E</td></tr><tr><td>F</td><td>25°54'34.70"N</td><td>79°48'43.59"E</td></tr><tr><td>E</td><td>25°54'41.61"N</td><td>79°48'46.30"E</td></tr></table>	Points	Latitude	Longitude	Sanctioned Lease Area			A	25°54'26.63"N	79°48'31.08"E	B	25°54'26.74"N	79°48'51.99"E	C	25°54'39.74"N	79°48'55.74"E	D	25°54'43.66"N	79°48'56.89"E	E	25°54'41.61"N	79°48'46.30"E	Workable Area			A	25°54'26.63"N	79°48'31.08"E	B	25°54'26.74"N	79°48'51.99"E	C	25°54'39.74"N	79°48'55.74"E	F	25°54'34.70"N	79°48'43.59"E	E	25°54'41.61"N	79°48'46.30"E
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Sanctioned Lease Area																																									
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17. Total Geological Reserves	12,14,550 m ³																																								
18. Total Mineable Reserves in LOI	3,88,608 m ³ /year																																								
19. Total mineable reserve approved in mine plan Proposed Production per Form-1, PFR & EMP and presentation submitted to SEAC UP	3,88,608 m ³ /year (19,43,040 m ³ for 5 years)																																								
20. Proposed Production/year	3,88,608 m ³																																								
21. Sanctioned Period of Mine lease	5 years																																								
22. Production of mine/day	1413.12 m ³ /day																																								
23. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none">• Scraper/light earth movers• Loader• Truck & tractors for transportation• Chain based Bulldozer for rescue and salvage																																								
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	142 units																																								
28. Type of Land	Government Land																																								
29. Ultimate Depth of Mining	3 m																																								

30. Nearest metalled road from site	MDR 41B- 2.3 km*(West Direction)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.52
	Suppression of dust	13.20
	Plantation	0.50
	Others (if any)	-
	Total	14.22 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	Issued vide Letter No-1147/khanij-M-M-C- Tees-Vividh (2017-18) Dated- 05.02.2018 by DMO, Hamirpur	
35. Details of Lease Area in approved DSR	Page No 63; Serial No. 109	
36. Total Project Cost	Rs. 1,42,07,090/-	
37. Proposed CSR cost	CSR cost is estimated as 5% of the Total Project Cost which is approx Rs.7,10,355/-	
38. Proposed EMP cost	Cost of EMP is estimated as Rs.33,10,640/-	
39. Length and Width of Haul Road	2200 m Length and 6 m width	

- 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-8

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. Project proponent should ensure survival of tree samplings. Mortality should be replaced from time to time.
2. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
3. One month monitoring report of the area for air quality, water quality, Noise level, Flora & Fauna should be conducted twice a week and be submitted within 45 days for a record.
4. Provision for cylinder to workers should be made for cooking.
5. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
6. Provide suitable mask to the worker.
7. Approach road kaccha is to be made motarable and tree samplings to be planted on both sides of the road.
8. If an alternative haulage route is being proposed across the river, it shall be ensured that the flow of water is not obstructed and permission for this route should also be taken from the irrigation department.

9. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
10. 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.
11. Provision for two toilets and hand pumps should be made at mining site.
12. Drinking water for workers would be provided by tankers.
13. Mining should be done Bar scalping or skimming methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
14. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
15. Total Project Cost has been submitted as Rs. 1,42,07,090. A CSR plan with minimum Rs. 7,10,355 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.
16. Detail of works under CSR which has to be executed as above is to be submitted with an affidavit to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
17. 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.
18. Measure for conservation of water rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CSR.
19. 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 to be taken and details to be provided to concerned Department.
20. Width of the haul road shall be more than 6 meter.
21. 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.
22. The Committee appraised the Project as per the SSMMG-2016, proposed a working area based on the coordinates given in point no. 16, which are verified by the DMO, Hamirpur and the proposed production of 3,88,608 m³/year as against the proponent's presentation of 3,88,608 m³/year. The committee recommended grant of Environment Clearance for the Lease.

9. River Bed Sand Mining in Tons River, at Zone No./ Gata No./ Khand No.- 44, Area- 6.0 ha(14.82 Acres) at Village- Bagheda and Dharwara, Tehsil- Karchhana , District- Allahabad, U.P., M/s Bajarang Construction, Lease Area- 6.0 ha File No. 4076/Proposal No. (SIA/UP/ MIN /72560/2018)

Resolution against agenda no-09

The project proponent appeared during the presentation FAE, Mining coordinator of the consultant did not turn up to explain the features of the mining site. Hence, the committee discussed and directed to defer the matter in upcoming next SEAC meeting.

10. River Bed Sand Mining in River Yamuna, at Zone No./ Gata No./ Khand No.- 08, Area- 8.0 ha(19.76 Acres) at Village-Kachara, Mishrpur, Nagarwar, Tehsil- Bara, District- Allahabad, M/s S.S Brothers & Companyn, Lease Area- 8.0 ha File No. 4077/Proposal No. (SIA/UP/ MIN /72563/2018)

Resolution against agenda no-10

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.

11. Proposed River Bed Sand Mining from Betwa River for M /s Eureka Mines and Minerals located at Gata No.-747, (Khand No.-1), Village- Pathreta, Tehsil- Kalpi, District- Jalaun, U.P., Lease Area- 40.015 Acre (16.164 ha) File No. 4078/Proposal No. (SIA/UP/ MIN /72720/2018)

A presentation was made by Shri Vishwash Parmani, representative of project proponent along with their consultant M/s ENV DAS India Pvt. Ltd., Lucknow. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand Mining from Betwa River for M /s Eureka Mines and Minerals located at Gata No.-747, (Khand No.-1), Village- Pathreta, Tehsil- Kalpi, District- Jalaun, U.P., Lease Area- 40.015 Acre (16.164 ha).
- 2- Project Details-

1. On-line proposal No.	SIA/UP/MIN/72720/2018
2. File No. allotted by SEIAA, UP	4078
3. Name of Proponent	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, Brahmpuri 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	99 mRL		
15. Max. & Min mrl within lease area	105 mRL and 100 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 mineable reserve approved in mine plan Proposed Production per Form-1, PFR & EMP and presentation submitted to SEAC UP	3,23,880 m ³ /year (16,19,400 m ³ in 05 years)		
20. Proposed Production/year	3,23,880m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	1,177.74 m ³ /day		
23. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none">• Scraper/light earth movers• Loader• Truck & tractors for transportation• Chain based bulldozer for rescue and salvage		
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	130 units		
28. Type of Land	Government 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	0.52	
	Suppression of dust	4.2	
	Plantation	0.04	
	Others (if any)	-	
	Total	4.76 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. 874/Khanij Issue Date-13/02/2018		
35. Details of Lease Area in approved DSR	Page No 54; Table No. NIL		

36. Total Project Cost	Rs. 1,40,28,850/-
37. Proposed CSR cost	5% of the total project cost i.e. Rs.7,01,443/-
38. Proposed EMP cost	Rs. 32,56,575/-
39. Length and Width of Haul Road	700 m Length and 6 m width

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

Resolution against agenda no-12

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

1. Project proponent should ensure survival of tree samplings. Mortality should be replaced from time to time.
2. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
3. One month monitoring report of the area for air quality, water quality, Noise level, Flora & Fauna should be conducted twice a week and be submitted within 45 days for a record.
4. Provision for cylinder to workers should be made for cooking.
5. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
6. Provide suitable mask to the worker.
7. Approach road kaccha is to be made motarable and tree samplings to be planted on both sides of the road.
8. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
9. 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.
10. Provision for two toilets and hand pumps should be made at mining site.
11. Drinking water for workers would be provided by tankers.
12. Mining should be done Bar scalping or skimming methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
13. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
14. Total Project Cost has been submitted as Rs. 1,40,28,850. A CSR plan with minimum Rs. 7,01,443 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.
15. Detail of works under CSR which has to be executed as above is to be submitted with an affidavit to Directorate as well as to the District magistrate / Chief Development officers, Jalaun, U.P.

16. 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.
17. Measure for conservation of water rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CSR.
18. 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 to be taken and details to be provided to concerned Department.
19. Width of the haul road shall be more than 6 meter.
20. 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.
21. The Committee appraised the Project as per the SSMMG-2016, proposed a working area based on the coordinates given in point no. 16, which are verified by the DMO, Jalaun and the proposed production of 3,23,880 m³/year as against the proponent's presentation of 3,23,880 m³/year. The committee recommended grant of Environment Clearance for the Lease.

12.Area- 60.00 Acre/ 24.28 Ha. for River Sand/ Morrum Mining at Khand No.- 11/29 to 11/30, Village- Chhikawa, Tehsil- Manjhanpur, District-Kaushambi, U.P. Shri Jaspal Singh File No. 4079/Proposal No. (SIA/UP/MIN /72891/2018)

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

- 1- The environmental clearance is sought for Proposed for River Sand/ Morrum Mining at Khand No.- 11/29 to 11/30, Village- Chhikawa, Tehsil- Manjhanpur, District-Kaushambi, U.P. Area- 60.00 Acre/ 24.28 Ha.
- 2- Project Details-

1. On-line proposal No.	SIA/UP/MIN/72891/2018
2. File No. allotted by SEIAA, UP	4079
3. Name of Proponent	Shri Jaspal Singh
4. Full correspondence address of proponent and mobile no.	R/o 2/337 Guru Nankpura Bhotia Parao Haldwani District- Nanital Utrakhnad
5. Name of Project	Area 60.00 Acre/ 24.28 Ha. for river Sand/Morrum Mining at Khand No- 11/29 to 11/30, Village-Chhikawa, Tehsil-Manjhanpur, District- Kaushambi, U.P.
6. Project Location(Plot.Khsra/Gata No.)	11/29 to 11/30
7. Name of River	Yamuna River
8. Name of Village	Chhikawa
9. Tehsil	Kaushambi
10. District	U.P
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in Ha.)	24.28 Ha.

13. Mineable Area (in Ha.)	22.11 Ha.		
14. Zero level mRL	75.0 mRL		
15. Max. & Min mRL within lease area	81.0 mRL in North & 76.0mRL in South		
16. Pillar Coordinates (Verified by DMO)	Points	Latitude	Longitude
	A	25°16'22.16"N	81°26'39.74"E
	B	25°15'45.39"N	81°26'29.54"E
	C	25°15'47.88"N	81°26'21.62"E
	D	25°16'24.88"N	81°26'30.87"E
17. Total Geological Reserves	7,28,400 m ³ /Annum		
18. Total Mineable Reserve in LOI	3,60,000 m ³ /Annum		
19. Total Proposed Production	3,60,000 m ³ /Annum		
20. Proposed Production /year	3,60,000 m ³ /Annum		
21. Sanctioned Period of Mine lease	5 Years		
22. Production of mine/day	1600 m ³ /Day		
23. Method of Mining	Open cast Manual / Semi Mechanized Mining Method /Bar Scalping or Skimming Method (as per IBM Rules & SSMMG, 2016 MoEF & CC ,GOI)		
24. No. of working days	225 Days		
25. Working hours/day	8 Hours		
26. No. of worker	91 Worker		
27. No. of vehicles movement/day	178 Vehicles / Day		
28. Type of Land	River Bed (Govt. Land)		
29. Ultimate of Depth of Mining	1.75m		
30. Nearest metalled road from site	1.52 Km		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.91	
	Suppression of dust	9.6	
	Plantation	3.2	
	Others (if any)		
	Total	13.71 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.83 Period of Validity- Up to 23 July 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- 666 Dated-8 January 2018		
35. Details of Lease Area in approved DSR	Page No-11 Table No- 48		
36. Proposed CSR cost	6.90 Lac		
37. Proposed EMP cost	14.29 Lac		
38. Length and breadth of Haul Road	800mtr Length & 6m width haulage road		

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

Resolution against agenda no-12

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

1. Project proponent should ensure survival of tree samplings. Mortality should be replaced from time to time.
2. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
3. One month monitoring report of the area for air quality, water quality, Noise level, Flora & Fauna should be conducted twice a week and be submitted within 45 days for a record.
4. Provision for cylinder to workers should be made for cooking.
5. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
6. Provide suitable mask to the worker.
7. Approach road kaccha is to be made motarable and tree samplings to be planted on both sides of the road.
8. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
9. 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.
10. Provision for two toilets and hand pumps should be made at mining site.
11. Drinking water for workers would be provided by tankers.
12. Mining should be done Bar scalping or skimming methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
13. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
14. Total Project Cost has been submitted as Rs. 1.38 crore. A CSR plan with minimum Rs. 6.90 lacs 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, Kaushambi, U.P.
15. Detail of works under CSR which has to be executed as above is to be submitted with an affidavit to Directorate as well as to the District magistrate / Chief Development officers, Kaushambi, U.P.
16. 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.
17. Measure for conservation of water rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CSR.

18. 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 to be taken and details to be provided to concerned Department.
19. Width of the haul road shall be more than 6 meter.
20. 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.
21. The Committee appraised the Project as per the SSMMG-2016, proposed a working area based on the coordinates given in point no. 16, which are verified by the DMO, Kaushambi and the proposed production of 3,60,000 m³/year as against the proponent's presentation of 3,60,00 m³/year. The committee recommended grant of Environment Clearance for the Lease.

13. River Sand/ Morrum Mining at Gata No.- 2558, 2563, Khand No.- 05, Village- Bandhauli, Tehsil- Urai, District- Jalaun, U.P. Area-30.00 Acre (12.145 Ha) Shri Rupesh Kumar Chauhan File No. 4081/Proposal No. (SIA/UP/ MIN /72949/2018)

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

- 1- The environmental clearance is sought for Proposed Sand/ Morrum Mining at Gata No.- 2558, 2563, Khand No.- 05, Village- Bandhauli, Tehsil- Urai, District- Jalaun, U.P. Area- 30.00 Acre (12.145 Ha).

2- Project Details-

1. On-line proposal No.	SIA/UP/MIN/72949/2018		
2. File No. allotted by SEIAA, UP	4081		
3. Name of Proponent	Shri Rupesh Kumar Chauhan		
4. Full correspondence address of proponent and mobile no.	R/O-2/588, Tulsi Nagar Pollysheets Post- Kathgodam Distt- Nainital , Uttarakhand		
5. Name of Project	Area 30.00 Acre / 12.145 Ha. For River sand/Morrum mining at Khand No. 5 Gata no. 2558,2563 village- Bandhauli , Tehsil- Urai, Distt- Jalaun, U.P.		
6. Project Location(Plot. Khasra/ Gata No.)	Khand No. 5 Gata No. 2558,2563		
7. Name of River	Betwa River		
8. Name of Village	Bandhauli		
9. Tehsil	Orai		
10. District	Jalaun		
11. Name of Minor Mineral	River sand / Morrum		
12. Sanctioned Lease Area (in Ha.)	12.145 Ha		
13. Mineable Area (in Ha.)	10.672 Ha		
14. Zero level mRL	107.0 mRL		
15. Max. & Min mRL within lease area	113.0 mRL in NE & 109.0 mRL in SW		
16. Pillar Coordinates (Verified by DMO)	Points	Lattitude	Longitude

	A	25°51'12.02”N	79°29'16.05”E
	B	25°51'15.88”N	79°29'20.56”E
	C	25°50'48.58”N	79°29'25.68”E
	D	25°50'45.54”N	79°29'20.35”E
17. Total Geological Reserves	3,64,350 m ³ /Annum		
18. Total Mineable Reserve in LOI	1,82,175 m ³ /Annum		
19. Total Proposed Production	1,82,175 m ³ /Annum		
20. Proposed Production /year	1,82,175 m ³ /Annum		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	810 m ³		
23. Method of Mining	Open cast Manual / Semi Mechanized Mining Method /Bar Scalping or Skimming Method (as per IBM Rules & SSMMG, 2016 MoEF&CC ,GOI)		
24. No. of working days	225		
25. Working hours/day	8 Hours / day		
26. No. of worker	100		
27. No. of vehicles movement/day	90 Vehicles/ day		
28. Type of Land	River bed (Govt. Land)		
29. Ultimate of Depth of Mining	2.75 meter		
30. Nearest metalled road from site	4.09 Km		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.0 Kld	
	Suppression of dust	12.0 Kld	
	Plantation	1.60 Kld	
	Others (if any)	-	
	Total	14.60 Kld	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	IND TECH HOUSE CONSULT QCI NO.- 83 Period Of Validity Upto, 23 July 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. 800	Dated. 23/Jan /2018	
35. Details of Lease Area in approved DSR	Page No. 54	Table No. 32	
36. Proposed CSR cost	6.50 Lakh		
37. Proposed EMP cost	15.20 Lakh		
38. Length and breadth of Haul Road	1000 meter length & 6 meter width haulage Road		

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

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

Resolution against agenda no-13

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

1. Project proponent should ensure survival of tree samplings. Mortality should be replaced from time to time.
2. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
3. One month monitoring report of the area for air quality, water quality, Noise level, Flora & Fauna should be conducted twice a week and be submitted within 45 days for a record.
4. Provision for cylinder to workers should be made for cooking.
5. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
6. Provide suitable mask to the worker.
7. Approach road kaccha is to be made motarable and tree samplings to be planted on both sides of the road.
8. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
9. 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.
10. Provision for two toilets and hand pumps should be made at mining site.
11. Drinking water for workers would be provided by tankers.
12. Mining should be done Bar scalping or skimming methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
13. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
14. Total Project Cost has been submitted as Rs. 1.30 crore. A CSR plan with minimum Rs. 6.50 lacs 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.
15. Detail of works under CSR which has to be executed as above is to be submitted with an affidavit to Directorate as well as to the District magistrate / Chief Development officers, Jalaun, U.P.
16. 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.
17. Measure for conservation of water rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CSR.
18. 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 to be taken and details to be provided to concerned Department.
19. Width of the haul road shall be more than 6 meter.
20. 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.

21. The Committee appraised the Project as per the SSMMG-2016, proposed a working area based on the coordinates given in point no. 16, which are verified by the DMO, Jalaun and the proposed production of 1,82,175 m³/year as against the proponent's presentation of 1,82,175 m³/ year. The committee recommended grant of Environment Clearance for the Lease.

14. Proposed River Bed Sand/Morrum Mining from Yamuna River for M/s Harihar Minerals LLP located at Khand No.- K-2, Gata No.- 389 Mi, 390 Mi, , Village-Kharka, Tehsil- Bhognipur, District- Kanpur Dehat, U.P., Lease Area- 18.33 ha (45.29 Acre) File No. 4082/Proposal No. (SIA/UP/ MIN /72915/2018)

Resolution against agenda no-14

The project proponent through letter dated 23-02-2018 requested to defer the matter to next meeting. The committee discussed the request letter and directed to defer the matter in upcoming SEAC meeting.

15. Proposed River Bed Sand/Morrum Mining from Ken River for M/s Sandeep Pandey located at Khand No.- 29/1, Village-Bakchha Khadar, Tehsil- Maudaha, District- Hamirpur, U.P., Sanctioned Lease Area- 12.145 ha, Effective Area- 10.805 Ha File No. 4083/Proposal No. (SIA/UP/ MIN /72943/2018)

A presentation was made by Shri Vishwash Parmani, representative of project proponent along with their consultant M/s ENV DAS India Pvt. Ltd., Lucknow . The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed River Bed Sand/Morrum Mining from Ken River at Khand No.- 29/1, Village-Bakchha Khadar, Tehsil- Maudaha, District- Hamirpur, U.P., Sanctioned Lease Area- 12.145 ha, Effective Area- 10.805 Ha.
- 2- Project Details-

1. On-line proposal No.	SIA/UP/MIN/72943/2018
2. File No. allotted by SEIAA, UP	4083
3. Name of Proponent	Shri Sandeep Pandey
4. Full correspondence address of proponent and mobile no.	M/s Sandeep Pandey Proprietor- Shri Sandeep Pandey S/o Shri Ram Shankar Pandey R/o Rampur Jogapur, Post- Basatpur, Tehsil- Tanda, Amedkar Nagar, Uttar Pradesh
5. Name of Project	Sand Mining
6. Project location (Plot/Khasra/Gata No.)	Khand No.29/1
7. Name of River	Ken

8. Name of Village	Bakchha Khadar		
9. Tehsil	Maudaha		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand		
12. Sanctioned Lease Area (in ha)	12.145 ha		
13. Mineable Area (in ha)	10.805 ha		
14. Zero level mRL	90 mRL		
15. Max. & Min mrl within lease area	102 mRL and 91 mRL		
16. Pillar Coordinates (Verified by DMO)	Points	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°36'45.57"N	80°17'16.21"E
	B	25°36'48.70"N	80°17'24.53"E
	C	25°36'35.44"N	80°17'33.22"E
	D	25°36'34.01"N	80°17'24.35"E
	Workable Area		
	E	25°36'48.54"N	80°17'24.19"E
	F	25°36'37.66"N	80°17'33.00"E
	C	25°36'35.44"N	80°17'33.22"E
	D	25°36'34.01"N	80°17'24.35"E
	A	25°36'45.57"N	80°17'16.21"E
	17. Total Geological Reserves	6,07,250 m ³	
18. Total Mineable Reserves in LOI	1,94,304 m ³ /year		
19. Total mineable reserve approved in mine plan Proposed Production per Form-1, PFR & EMP and presentation submitted to SEAC UP	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	706.56 m ³ /day		
23. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none">• Scraper/light earth movers• Loader• Truck & tractors for transportation• Chain based Bulldozer for rescue and salvage		
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	71 units		
28. Type of Land	Government Land		

29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	Bharwa Sumerpur- Banda Road – 5.30 km* (in West Direction)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.52
	Suppression of dust	6.60
	Plantation	0.50
	Others (if any)	-
	Total	7.62 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	Issued vide Letter No-1156//khanij-M-M-C- Tees-Vividh (2017-18) Dated-06.02.2018 by DMO, Hamirpur	
35. Details of Lease Area in approved DSR	Page No 63; Serial No. 100	
36. Total Project Cost	Rs. 1,40,48,690/-	
37. Proposed CSR cost	CSR cost is estimated as 5% of the Total Project Cost which is approx Rs.7,02,435/	
38. Proposed EMP cost	Cost of EMP is estimated as Rs.19,40,240/	
39. Length and Width of Haul Road	1100 m Length and 6 m width	

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

Resolution against agenda no-15

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

1. Project proponent should ensure survival of tree samplings. Mortality should be replaced from time to time.
2. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
3. One month monitoring report of the area for air quality, water quality, Noise level, Flora & Fauna should be conducted twice a week and be submitted within 45 days for a record.
4. Provision for cylinder to workers should be made for cooking.
5. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
6. Provide suitable mask to the worker.
7. Approach road kaccha is to be made motarable and tree samplings to be planted on both sides of the road.

8. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
9. 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.
10. Provision for two toilets and hand pumps should be made at mining site.
11. Drinking water for workers would be provided by tankers.
12. Mining should be done Bar scalping or skimming methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
13. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
14. Total Project Cost has been submitted as Rs. 1,40,48,690. A CSR plan with minimum Rs. 7,02,435 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.
15. Detail of works under CSR which has to be executed as above is to be submitted with an affidavit to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
16. 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.
17. Measure for conservation of water rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CSR.
18. 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 to be taken and details to be provided to concerned Department.
19. Width of the haul road shall be more than 6 meter.
20. 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.
21. The Committee appraised the Project as per the SSMMG-2016, proposed a working area based on the coordinates given in point no. 16, which are verified by the DMO, Hamirpur and the proposed production of 1,94,304 m³/year as against the proponent's presentation of 1,94,304 m³/ year. The committee recommended grant of Environment Clearance for the Lease.

16. Proposed River Bed Sand/Morrum Mining from Ken River for M/s G. Sitaram Rathi And Company located at Khand No.- 29/2, Village-Bakchha Khadar, Tehsil- Maudaha, District- Hamirpur, U.P., Sanctioned Lease Area- 12.145 ha, Effective Area- 11.145 Ha File No. 4084/Proposal No. (SIA/UP/ MIN /72912/2018)

A presentation was made by Shri Vishwash Parmani, representative of project proponent along with their consultant M/s ENV DAS India Pvt. Ltd., Lucknow . The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed Proposed River Bed Sand/Morrum Mining from Ken River for M/s G. Sitaram Rathi And Company located at Khand No.-

29/2, Village-Bakchha Khadar, Tehsil- Maudaha, District- Hamirpur, U.P., Sanctioned Lease Area- 12.145 ha, Effective Area- 11.145 Ha.

2- Project Details-

1. On-line proposal No.	SIA/UP/MIN/72912/2018		
2. File No. allotted by SEIAA, UP	4084		
3. Name of Proponent	Shri Brajesh Sahu		
4. Full correspondence address of proponent and mobile no.	M/s G. Sitaram Rathi and Company Proprietor- Shri Brajesh Sahu S/o Shri Thakur Deen Sahu R/o Near Alka Talkies, Pipariya, Hoshangabad, Madhya Pradesh		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No.29/2		
7. Name of River	Ken		
8. Name of Village	Bakchha Khadar		
9. Tehsil	Maudaha		
10. District	Hamirpur		
11. Name of Minor Mineral	Sand		
12. Sanctioned Lease Area (in ha)	12.145 ha		
13. Mineable Area (in ha)	11.145 ha		
14. Zero level mRL	91 mRL		
15. Max. & Min mrl within lease area	103 mRL and 92 mRL		
16. Pillar Coordinates (Verified by DMO)	Points	Latitude	Longitude
	Sanctioned Lease Area		
	A	25°36'59.03"N	80°17'2.89"E
	B	25°37'3.42"N	80°17'8.26"E
	C	25°36'50.74"N	80°17'22.20"E
	D	25°36'46.30"N	80°17'15.28"E
	Workable Area		
	A	25°36'59.03"N	80°17'2.89"E
	D	25°36'46.30"N	80°17'15.28"E
	C	25°36'50.74"N	80°17'22.20"E
	E	25°37'2.11"N	80°17'6.63"E
	F	25°36'58.31"N	80°17'12.00"E
	G	25°37'0.34"N	80°17'12.30"E
17. Total Geological Reserves	6,07,250 m ³		
18. Total Mineable Reserves in LOI	1,94,304 m ³ /year		
19. Total mineable reserve approved in mine plan Proposed Production per Form-1, PFR & EMP and presentation submitted to SEAC UP	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	706.56 m ³ /day		

23. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none"> • Scraper/light earth movers • Loader • Truck & tractors for transportation • Chain based Bulldozer for rescue and salvage 	
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	79 units	
28. Type of Land	Government Land	
29. Ultimate Depth of Mining	3 m	
30. Nearest metalled road from site	Bharwa Sumerpur- Banda Road – 5.30 km* (in West Direction)	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.52
	Suppression of dust	5.76
	Plantation	0.50
	Others (if any)	-
	Total	6.78 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	Issued vide Letter No-1173//khani-M-M-C- Tees-Vividh (2017-18) Dated-09.02.2018 by DMO, Hamirpur	
35. Details of Lease Area in approved DSR	Page No 63; Serial No. 101	
36. Total Project Cost	Rs. 1,40,48,690/-	
37. Proposed CSR cost	CSR cost is estimated as 5% of the Total Project Cost which is approx Rs.7,02,435/	
38. Proposed EMP cost	Cost of EMP is estimated as Rs.19,40,240/	
39. Length and Width of Haul Road	960 m Length and 6 m width	

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

Resolution against agenda no-16

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

1. Project proponent should ensure survival of tree samplings. Mortality should be replaced from time to time.
2. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
3. One month monitoring report of the area for air quality, water quality, Noise level, Flora & Fauna should be conducted twice a week and be submitted within 45 days for a record.
4. Provision for cylinder to workers should be made for cooking.
5. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
6. Provide suitable mask to the worker.
7. Approach road kaccha is to be made motarable and tree samplings to be planted on both sides of the road.
8. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
9. 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.
10. Provision for two toilets and hand pumps should be made at mining site.
11. Drinking water for workers would be provided by tankers.
12. Mining should be done Bar scalping or skimming methods extraction (typically 0.3 -0.6 m or 1 – 2 ft) as per sustainable sand mining management guidelines 2016.
13. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
14. Total Project Cost has been submitted as Rs. 1,40,48,690. A CSR plan with minimum Rs. 7,02,435 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.
15. Detail of works under CSR which has to be executed as above is to be submitted with an affidavit to Directorate as well as to the District magistrate / Chief Development officers, Hamirpur, U.P.
16. 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.
17. Measure for conservation of water rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CSR.
18. 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 to be taken and details to be provided to concerned Department.
19. Width of the haul road shall be more than 6 meter.
20. 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.
21. The Committee appraised the Project as per the SSMMG-2016, proposed a working area based on the coordinates given in point no. 16, which are verified by the DMO, Hamirpur and the proposed production of 1,94,304 m³/year as against the proponent's presentation of 1,94,304 m³/ year. The committee recommended grant of Environment Clearance for the Lease.

17. Area- 21.0 Acre/ 8.457 Ha. for Ordinary Sand Mining at Khand No./ Gata No.- 2534, Village- Hariha, Tehsil- Shikohabad, District- Firozabad, U.P. Shri Rajesh Sharma,(Leased Area-8.457 Ha) File No. 4085/Proposal No. (SIA/UP/ MIN /72906/2018)

A presentation was made by Shri Balveer Singh Rathod, representative of project proponent along with their consultant M/s IND Tech House Consult. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed Ordinary Sand Mining at Khand No./ Gata No.- 2534, Village- Hariha, Tehsil- Shikohabad, District- Firozabad, U.P. Shri Rajesh Sharma,(Leased Area-8.457 Ha).
- 2- Project Details-

1. On-line proposal No.	SIA/UP/MIN/72906/2018		
2. File No. allotted by SEIAA, UP	4085		
3. Name of Proponent	Shri Rajesh Sharma		
4. Full correspondence address of proponent and mobile no.	R/O-2-450/1 Tulsi Nagar Pollysheets Haldwani Nainital Uttarakhand		
5. Name of Project	Area 21.00 acre / 8.457 ha. For River sand mining at khand no./ gata no. 2534 village- Hariha , Tehsil- Shikohabad, Distt- Firozabad, u.p.		
6. Project Location(Plot. Khasra/ Gata No.)	KHAND NO./ GATA NO. 2534		
7. Name of River	Yamuna River		
8. Name of Village	Hariha		
9. Tehsil	Shikohabad		
10. District	Firozabad		
11. Name of Minor Mineral	River Sand		
12. Sanctioned Lease Area (in Ha.)	8.457 Ha		
13. Mineable Area (in Ha.)	7.783 Ha		
14. Zero level mRL	118.0 mRL		
15. Max. & Min mRL within lease area	124.0 mRL in NW & 122.0 mRL in SE		
16. Pillar Coordinates (Verified by DMO)	Points	Latitude	Longitude
	A	26°58'01.8"N	78°29'02.9"E
	B	26°57'52.9"N	78°29'08.9"E
	C	26°57'50.7"N	78°29'05.0"E
	D	26°57'58.4"N	78°28'57.4"E
17. Total Geological Reserves	2,53,710 m ³ /Annum		
18. Total Mineable Reserve in LOI	1,69,140 m ³ /Annum		
19. Total Proposed Production	1,69,140 m ³ /Annum		
20. Proposed Production /year	1,69,140 m ³ /Annum		

21. Sanctioned Period of Mine lease	5 years	
22. Production of mine/day	752 m ³	
23. Method of Mining	Open cast Manual / Semi Mechanized Mining Method /Bar Scalping or Skimming Method (as per IBM Rules & SSMMG, 2016 MoEF&CC ,GOI)	
24. No. of working days	225	
25. Working hours/day	8 Hours / day	
26. No. of worker	45	
27. No. of vehicles movement/day	84 Vehicles / day	
28. Type of Land	River bed (Govt. Land)	
29. Ultimate of Depth of Mining	2.5 meter	
30. Nearest metalled road from site	6.28 Km	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.45
	Suppression of dust	5.4
	Plantation	1.11
	Others (if any)	-
	Total	6.96 Kld
32. Name of QCI Accredited Consultant with QCI No and period of validity.	IND TECH HOUSE CONSULT QCI NO.- 83 Period Of Validity Upto, 23 July 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. 19	Dated. 16/Jan /2018
35. Details of Lease Area in approved DSR	Page No. 08	Table No. 05
36. Total Project Cost	Rs. 61.11 Lakh	
37. Proposed CSR cost	3.05 Lakh	
38. Proposed EMP cost	8.36 Lakh	
39. Length and breadth of Haul Road	450meter length & 6 meter width haulage Road	

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

Resolution against agenda no-17

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

1. Project proponent should ensure survival of tree samplings. Mortality should be replaced from time to time.

2. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
3. One month monitoring report of the area for air quality, water quality, Noise level, Flora & Fauna should be conducted twice a week and be submitted within 45 days for a record.
4. Provision for cylinder to workers should be made for cooking.
5. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
6. Provide suitable mask to the worker.
7. Approach road kaccha is to be made motarable and tree samplings to be planted on both sides of the road.
8. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
9. 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.
10. Provision for two toilets and hand pumps should be made at mining site.
11. Drinking water for workers would be provided by tankers.
12. Mining should be done Bar scalping or skimming methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
13. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
14. Total Project Cost has been submitted as Rs. 61.11 lacs. A CSR plan with minimum Rs. 3.05 lacs 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, Firozabad , U.P.
15. Detail of works under CSR which has to be executed as above is to be submitted with an affidavit to Directorate as well as to the District magistrate / Chief Development officers, Firozabad, U.P.
16. 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.
17. Measure for conservation of water rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CSR.
18. 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 to be taken and details to be provided to concerned Department.
19. Width of the haul road shall be more than 6 meter.
20. 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.
21. The Committee appraised the Project as per the SSMMG-2016, proposed a working area based on the coordinates given in point no. 16, which are verified by the DMO, Firozabad and the proposed production of 1,69,140 m³/year as against the proponent's presentation of 1,69,140 m³/ year. The committee recommended grant of Environment Clearance for the Lease.

18. Proposed River Bed Sand/Morrum Mining from Betwa River for M/s Rama Traders at Khand No.- 9/3 , Village-Kandaur, District- Hamirpur, Sanctioned Lease Area- 30.769 ha, Effecative Working Area- 21.30 ha File No. 4070/Proposal No. (SIA/UP/ MIN /21922/2018)

A presentation was made by Shri Ashirvad Murti Singh, representative of project proponent along with their consultant M/s ENV DAS India Pvt. Ltd., Lucknow . The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed Proposed River Bed Sand/Morrum Mining from Betwa River for M/s Rama Traders at Khand No.- 9/3 , Village-Kandaur, District- Hamirpur, Sanctioned Lease Area- 30.769 ha, Effecative Working Area- 21.30 ha.
- 2- Project Details-

1. On-line proposal No.	SIA/UP/MIN/21922/2018		
2. File No. allotted by SEIAA, UP	4070		
3. Name of Proponent	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

	<table><tr><td>E</td><td>25°52'38.36"N</td><td>79°59'44.69"E</td></tr><tr><td>F</td><td>25°52'34.06"N</td><td>80° 0'4.05"E</td></tr></table>	E	25°52'38.36"N	79°59'44.69"E	F	25°52'34.06"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					
17. Total Geological Reserves	15,38,450 m ³						
18. Total Mineable Reserves in LOI	4,92,236 m ³ /year						
19. Total mineable reserve approved in mine plan Proposed Production per Form-1, PFR & EMP and presentation submitted to SEAC UP	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	Bar Scalping or Skimming method (Semi mechanized/OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none">• Scraper/light earth movers• Loader• Truck & tractors for transportation• Chain based Bulldozer for rescue and salvage						
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	179 units						
28. Type of Land	Government 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	0.52					
	Suppression of dust	9.36					
	Plantation	0.08					
	Others (if any)	-					
	Total	9.96 KLD					
32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1720/RA 0078 and Valid till 02/04/2020.						
33. Any litigation pending against the project or land in any court	None						
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	Not applicable as project falls in Category B1						
35. Details of Lease Area in approved DSR	Page No 62; Serial No. 64						
36. Length and Width of Haul Road	780 m Length and 6 m width						

- 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-18

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA:

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow

- of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
 18. 02 km kachcha haul road to be made motorable. Submit Plan.
 19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
 20. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
 21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
 22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the projected should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total

waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).

31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should be covered.
33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
46. The Environment Policy must prescribe for standard operating process/ procedures to bring

into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.

47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

19. Beri Sand Deposit on Betwa River (30.364) at Khasra No.- 10/20, Village- Beri, Tehsil & District- Hamirpur, M/s Esteem Infra Build Pvt. Ltd., (Leased Area-30.364 Ha) File No. 4086/Proposal No. (SIA/UP/ MIN /22099/2018)

A presentation was made by Shri Raja ram, representative of project proponent along with their consultant M/s Green C India Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed Beri Sand Deposit on Betwa River (30.364) at Khasra No.- 10/20, Village- Beri, Tehsil & District- Hamirpur, M/s Esteem Infra Build Pvt. Ltd., (Leased Area-30.364 Ha).
- 2- Project Details-

1. On-line proposal No.	SIA/UP/MIN/22099/2018		
2. File No. allotted by SEIAA, UP	4086		
3. Name of Proponent	M/S ESTEEM INFRA BUILD PVT. LTD.		
4. Full correspondence address of proponent and mobile no.	Plot No. 315 Nemi Nagar, Extension-Vaishali Nagar Jaipur (Rajasthan)		
5. Name of Project	BERI SAND MINE ON BETWA RIVER		
6. Project location (Plot/Khasra/Gata No.)	Village - BERI, Tehsil- HAMIRPUR, District- HAMIRPUR of UTTAR PRADESH, Ph: 8619972157, 9165612777, 7976012007		
7. Name of River	Betwa River		
8. Name of Village	BERI		
9. Tehsil	HAMIRPUR		
10. District	HAMIRPUR		
11. Name of Minor Mineral	Sand		
12. Sanctioned Lease Area (in Ha.)	30.364 Hectares		
13. Mineable Area (in Ha.)	28.70 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°52'39.83"N	79°54'47.25"E
	B	25°52'24.19"N	79°54'46.16"E
	C	25°52'27.83"N	79°54'26.95"E
	D	25°52'47.62"N	79°54'29.10"E
17. Total Geological Reserves	5,80,130m ³		

18. Total Mineable Reserves in LOI	4,85,760m ³	
19. Total Proposed Production	24,28,800 m ³	
20. Proposed Production/year	4,85,760m ³ /Year	
21. Sanctioned Period of Mine lease	5 Years	
22. Production of mine/day	1865 m ³ /Day	
23. Method of Mining	Opencast Semi-mechanized mining	
24. No. of working days	250 days/ Year	
25. Working hours/day	12 Hours	
26. No. Of workers	83	
27. No. Of vehicles movement/day	93	
28. Type of Land	Govt. Land	
29. Ultimate Depth of Mining	2.0 m	
30. Nearest metalled road from site	600 m	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.83
	Suppression of dust	5.28
	Plantation	11.26
	Others (if any)	0.00
	Total	17.37
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	1133/ Khanij-MMC- Tis- Bibidh (2017-18)	
35. Details of Lease Area in approved DSR	30.364 Hectares	
36. Length and breadth of Haul Road	Length 680 m, Width 6.0 m	

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

Resolution against agenda no-19

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA:

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.

5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.
10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality (PM_{2.5}, PM₁₀, SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.

20. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀ particularly for free silica should be given.
21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
24. Details of water conservation measures proposed to be adopted in the projected should be given.
25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
28. Details of rainwater harvesting proposed, if any, in the project should be provided.
29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should covered.
33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area

- (with plans and with adequate number of sections) should be given in the EIA report.
35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
 36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.
 37. Measures of social-economic significance and influence to the local community proposed to be provided by project proponent should be indicated. As far as possible, quantitative dimensions may be given with time frame for implementation.
 38. Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia should include the impact due to change of land use, due to loss of agricultural land and grazing land, if any, occupational health impacts beside other impacts of the projects. It should also take into account the impacts due to stone crusher nearby and also provide for preventing the silt from going into the river.
 39. Risk assessment and disaster management plan due to inundation of mine as a result of its location close to the river should also be examined and addressed.
 40. Public hearing shall be undertaken as per law. Public hearing points raised and commitment of the project proponent on the same along with the time bound action plan to implement the same should be provided.
 41. Details of litigation pending against the project, if any, with direction / order passed by any Court of Law against the project should be given.
 42. The cost of project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
 43. Present position of distances of railway lines, National Highway including culverts and bridges, Reservoir, lake, Canal, Road including culverts & bridges, Soil conservation works, nursery plantation, check dams, water supply schemes & irrigation schemes, water sources such as Springs, Infiltration galleries, Percolation wells, Hand pumps, Tube wells and existing flood control / protection work should be included and indicated in location map.
 44. Proponent should submit attested photocopy of the sanction of mining lease by the State Government.
 45. The company will have a well laid down Environment Policy approved by its Board of Directors and it may be detailed in EIA report.
 46. The Environment Policy must prescribe for standard operating process/ procedures to bring into focus any infringement / deviation / violation of the environment or forest norms/conditions and it may be detailed in EIA.
 47. The hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions and details of this system may be given.
 48. The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.

20. Kandaury Sand Mine On Betwa River (29.149 Ha), at Khasra No.-9/2, Village- Kandaury, Tehsil & District- Hamirpur. M/s A D Agro Foods Pvt. Ltd., (Leased Area-29.149 Ha) File No. 4088/Proposal No. (SIA/UP/ MIN /22103/2018)

A presentation was made by Shri Akarshit Sharma, representative of project proponent along with their consultant M/s Green C India . The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed Kandaury Sand Mine On Betwa River (29.149 Ha), at Khasra No.-9/2, Village- Kandaury, Tehsil & District- Hamirpur. M/s A D Agro Foods Pvt. Ltd., (Leased Area-29.149 Ha.
- 2- Project Details-

1. On-line proposal No.	SIA/UP/MIN/73007/2018		
2. File No. allotted by SEIAA, UP	4088		
3. Name of Proponent	M/S A.D. AGRO FOODS PVT. LTD.		
4. Full correspondence address of proponent and mobile no.	R/o-2 B Sagar Matha Apartment 18 M.G. Road Indore (M.P.)		
5. Name of Project	KANDAURY SAND MINE ON BETWA RIVER		
6. Project location (Plot/Khasra/Gata No.)	Village - Kandaury, Tehsil- Hamirpur, District- Hamirpur of Uttar Pradesh State, Ph: 8619972157, 9165612777, 7976012007		
7. Name of River	Betwa River		
8. Name of Village	KANDAURY		
9. Tehsil	HAMIRPUR		
10. District	HAMIRPUR		
11. Name of Minor Mineral	Sand		
12. Sanctioned Lease Area (in Ha.)	29.149 Hectares		
13. Mineable Area (in Ha.)	26.0210 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°52'58.308"N	79°59'30.657"E
	B	25°52'51.897"N	79°59'21.442"E
	C	25°52'37.806"N	79°59'54.418"E
	D	25°52'49.339"N	79°59'54.492"E
17. Total Geological Reserves	5,76,764m ³		
18. Total Mineable Reserves in LOI	4,66,330m ³		
19. Total Proposed Production	23,31,650 m ³		
20. Proposed Production/year	4,66,330m ³ /Year		
21. Sanctioned Period of Mine lease	5 Years		
22. Production of mine/day	1561 m ³ /Day		
23. Method of Mining	Opencast Semi-mechanized mining		
24. No. of working days	250 days/ Year		
25. Working hours/day	12 Hours		

26. No. Of workers	81	
27. No. Of vehicles movement/day	78	
28. Type of Land	Govt. Land	
29. Ultimate Depth of Mining	1.8 m	
30. Nearest metalled road from site	680 m	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.81
	Suppression of dust	9.60
	Plantation	10.80
	Others (if any)	0.00
	Total	21.21
32. Name of QCI Accredited Consultant with QCI No and period of validity.	GreencIndia Consulting Pvt Ltd. NABET/EIA/1619/RA0058 valid till 27/10/2019	
33. Any litigation pending against the project or land in any court	No	
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	1134/ Khanij-MMC- Tis- Bibidh (2017-18)	
35. Details of Lease Area in approved DSR	30.364 Hectares	
36. Length and breadth of Haul Road	Length 950 m, Width 6.0 m	

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

Resolution against agenda no-20

The committee discussed the matter in light of MOEFCC Notification dated 15/01/2016 and recommended to issue the terms of reference (TOR) for the preparation of EIA:

1. The TOR shall be valid strictly for the annual production/yearly production as given in the approved Mining Plans of the respective proposal.
2. Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
3. CSR cost to be calculated for individual lease.
4. An intimation regarding conducting the monitoring to be sent to concerned District Magistrate and State Pollution Control Board office.
5. The lab conducting the analysis should be authenticated and registered.
6. Public hearing to be conducted as per EIA Notification, 2006.
7. A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
8. Approved mining plans for all the mining projects.
9. All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production level, waste generation and its

management and mining technology and should be in the name of the lessee. The mine plan should take into account the conditions of the mine lease, if any, in terms of distance to be left un-worked from the river flowing nearby.

10. The study area will comprise of 10 km zone around the mine lease from the lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
11. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory route of fauna, water bodies, human settlements and other ecological features should be indicated.
12. Land use plan of mine lease area should be prepared to encompass pre-operational, operational and post-operational phases and submitted.
13. Location of National Parks, Sanctuaries, Biosphere Reserves, wildlife Corridors, Tiger/Elephant Reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the state Wildlife Department / Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
14. A detailed biological study for the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out covering both terrestrial and aquatic flora and fauna. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on field survey clearly indicating the Schedule of the fauna present.
15. Impact of change of land use should be given.
16. Impact of mining on the hydrology of the area including water flow in the river adjoining the mine lease. It should also take into account the inundation of mined out area due to flow of water from the river.
17. R & R plan / compensation details for the project affected people should be furnished. While preparing the R & R plan, the National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs / STs and other weaker sections need based sample survey, family-wise, should be undertaken to assess their requirement and action programmes prepared accordingly integrating the sectoral programme of line departments of the State Governments.
18. 02 km kachcha haul road to be made motorable. Submit Plan.
19. One season (Non Monsoon) primary baseline data on ambient air quality ($PM_{2.5}$, PM_{10} , SO_x and NO_x), water quality, noise level, soil and flora and fauna shall be collected and the AAQ data so collected presented data-wise in the EIA and EMP report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified.
20. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM_{10} particularly for free silica should be given.
21. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicle for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any and the

- habitation. The wind rose showing pre-dominant wind direction may also be indicated on the map. The impact of stone crusher nearby should also be taken into account.
22. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should be indicated.
 23. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
 24. Details of water conservation measures proposed to be adopted in the projected should be given.
 25. Impact of the project on the water quality both surface and groundwater should be assessed and necessary safeguard measures, if any required should be provided.
 26. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed hydro geological study should be undertaken and report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of groundwater should also be obtained and copy furnished.
 27. Details of first order stream, if any passing through lease area and modification diversion proposed, if any and the impact of the same on the hydrology should be brought out.
 28. Details of rainwater harvesting proposed, if any, in the project should be provided.
 29. Information on reduced levels site elevation, working depth, groundwater table etc. below natural surface level should be provided. A schematic diagram may also be provided for the same.
 30. Quantity of solid waste generated to be estimated and details for its disposal and management should be provided. The quality, volumes and methodology planned for removal and utilization (preferably concurrently) of top soil should be indicated. Details of backfilling proposed, if any, should be given. It may be clearly indicated that out of the total waste generated during the mine life, how much quantity would be backfilled and how much quantity would be disposed off in the form of external dump (number of dumps, their height, terraces etc. to be brought out).
 31. The reclamation plan, post mine land use and progressive green belt development plan shall be prepared in tabular form (prescribed format) and submitted.
 32. Impact on local transport infrastructure due to the project should be indicated. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) should be worked out, indicating whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State government) should covered.
 33. Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
 34. Conceptual post mining land use and Reclamation and Rehabilitation of mined out area (with plans and with adequate number of sections) should be given in the EIA report.
 35. Phase-wise plan of green belt development, plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
 36. Occupational health impact of project should be anticipated and preventive measures initiated. Details in this regard should be provided. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. Special attention should be in view of the stone crusher nearby.

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

21. Proposed Group Housing "KVIR Towers", on Plot No.- GH-14 B, Sector-01, Greater Noida(West), G.B. Nagar, U.P., M/s KVRI Towers Pvt. Ltd. File No. 4032/Proposal No. (SIA/UP/ MIN /21452/2018)

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

- 1- The environmental clearance is sought for Proposed Group Housing Project "Kvir Towers" at Plot No: Gh 14b, Sector -01, Greater Noida (West), G.B Nagar,Uttar Pradesh.

- 2- The SEAC UP has already granted Terms of reference in its meeting dated 13/08/2015 but due to change in design of the project application for amendment in ToR to be obtained. The baseline data has already been collected for the period January to March, 2016.
- 3- It comprises 10 (8+2) number of building blocks along with Community Hall & Convenient shopping and adequate parking facilities.
- 4- Total dwelling units 1534.
- 5- Estimated Cost of project is Rs. 300 Crores.
- 6- Total Plot Area of the project is 33000 sq. m, whereas, total Built-up Area is 1,86,979 sq. m.
- 7- The built up area of the project is more than 150000 sq. m. hence the project falls under “8(b) Category Project” – Township and Area Development Project/ large construction.
- 8- Comparative statement :-

SN	Description	As per previous ToR	As per revised proposal	Difference	Unit
1	Plot Area	33000	33000.00	No Change	SQM
2	Proposed Built Up Area	175908	186979	Inc 11071	SQM
3	Total no of Saleable DU's	1372	1534	Inc 162	NOS
4	Height of Tallest Building	85.55	78.45	Dec 7.1	MT
5	Max No of Floors	B+G+26	2B+G+24		NOS
6	Cost of Project	222.83	300	Inc 77.17	CRORE
7	Permissible Ground Coverage Area	13200	11550	Dec 1650	SQM
8	Proposed Ground Coverage Area	8232.77	8803.34	570.57	SQM
9	Permissible FAR Area (350)	115500	115500	No Change	SQM
10	Proposed FAR Area	115235.76	115402.2	Inc 116.44	SQM
11	Total Basement Area	28519.26	42417.87	Inc 13898.61	SQM
12	Expected Population	7559	8393	Inc 834	NOS
13	Total Water Requirement	611	674	Inc 63	KLD
14	Proposed STP Capacity	225	630	Inc 405	KLD
15	No of RWH of Pits Proposed	8	7	Dec 1	NOS
16	Total Parking Required as / Building Bye Laws	1444	1444	No Change	ECS
17	Proposed Total Parking	1450	1450	No Change	ECS
18	Proposed Green Area	12744.47	13426.92	Inc 682.45	SQM
19	Municipal Solid Waste Generation	3.25	3.63	Inc 0.11	TPD
20	Total Power Requirement	4860	5090.00	Inc 230	KVA
21	DG set backup	3000	3020	20	KVA

9- Project features :-

SN	Description	Details	Unit
1	Plot Area	33000.00	SQM
2	Proposed Built Up Area	186979	SQM
3	Number of Building Blocks	10 (8+2)	NOS
4	Total no of Saleable DU's including Villa	1534	NOS
5	Height of Tallest Building	78.45	MT
6	Max No of Floors	2B+G+24	NOS
7	Cost of Project	300	CRORE
8	Permissible Ground Coverage Area (35%)	11550	SQM
9	Proposed Ground Coverage Area (26.67%)	8803.34	SQM
10	Permissible FAR Area (350)	115500	SQM
11	Proposed FAR Area (349.2)	115402.23	SQM
12	Total Basement Area	42417.87	SQM
14	Stilt/ podium & other ancillary areas	29159.20	SQM
15	Expected Population (Residential 6903+ Floating 1490)	8392.87	NOS
16	Total Water Requirement	674	KLD
17	Fresh water requirement	470	KLD
18	Waste water Generation	526	KLD
19	Proposed STP Capacity	630	KLD
20	Treated Water Available for Reuse	420	KLD
21	Recycled Water	204	KLD
22	Unused treated water	216	KLD
23	Proposed Quantity of Rain Water to be Harvested	9525.95	CUM
24	No of RWH of Pits Proposed	7	NOS
25	Total Parking Required as / Building Bye Laws	1443.8	ECS
27	Proposed Total Parking	1450	ECS
28	Proposed Parking on Surface	Nil	ECS
30	Proposed Parking under stilt/podium	341	ECS
31	Proposed Parking in Basement	1109	ECS
32	Required Green Area (36.66% of Plot Area)	12098.33	SQM
33	Proposed Green Area (40.68% of Plot Area)	13426.92	SQM
34	Municipal Solid Waste Generation	3.63	TPD
35	Quantity of E-Waste Generation- Kg/Day	19	KG/DAY
36	Quantity of Hazardous waste Generation	4.24	LTS/DAY
37	Quantity of Sludge Generated from STP	355.4	KG/DAY
38	Total Power Requirement	5090.00	KVA
39	DG set backup	3020	KVA

10- Population details

RESIDENTIAL	DU'S/AREA	POP/DU	TOTAL
SALEABLE DU'S	1534	@4.5	6903
NON RESIDENTIAL			
CLUB HOUSE	1745 Sqm		17
COMMERCIAL/SHOPPING	1154.9 Sqm		115

FACILITY MANAGEMENT STAFF	LS		52
TOTAL			185
VISITORS			1305
TOTAL POPULATION			8393

11- Water requirement details:-

WATER REQUIREMENT			
	POPULATION	RATE IN LTS	TOTAL QTY IN KL
RESIDENTIAL			
DOMESTIC	6903	65	448.69
FLUSHING	6903	21	144.96
NON RESIDENTIAL			
DOMESTIC	185	18	3.3
FLUSHING	185	12	2.2
VISITORS			
DOMESTIC	1305	9	11.74
FLUSHING	1305	6	7.83
GARDENING (HORTICULTURE)	13426.92	1	13.4
DG Cooling	3020	0.9	16
STREET WASHING	6600	3	19.80 Say 20
TOTAL WATER REQUIREMENT			674
TOTAL TREATED WATER REQUIREMENT			204
TOTAL FRESH WATER			470

12- Sources of water supply:-

Head	Source	Quantity
Fresh Water Requirement	Greater Noida Industrial Development Authority	470 KLD
Treated Water Requirement	On site STP	204 KLD

13- Estimated Sewage Generation: 526 KLD

14- Waste water generated will be treated in on-site STP.

15- Proposed treatment methodology : MBBR

16- Proposed STP (Capacity): 630 KLD

17- Treatment up to tertiary level.

18- STP shall have power back-up for uninterrupted operation during power failure.

19- Treated waste water will be used for horticulture, flushing, and DG cooling.

20- Rain water harvesting calculation:-

RAIN WATER HARVESTING				
PARTICULARS	ROAD/PAVED AREA	Other Open Area	GREEN AREA	ROOF TOP AREA
Area (Sq.m.)	7015	3754.741	13426.919	8803.34
Runoff coefficient	0.75	0.3	0.20	0.90
Rainfall (m)	0.7006	0.7006	0.7006	0.7006
Harvesting potential (cu.m.)	3686	789.2	18881.4	5550.9
Net water availability and potential for recharge (cu.m.) per year	9526.0			

21- Total plot area – 33000 sq. m., Ground coverage area – 8803.34 sq. m.

22- Total 13426.92 sq. m. (40.68% of Plot Area) green area will be developed, which will enhance the beauty of the site and help to reduce air and noise pollution.

23- Selection of the plant species shall be based on their adaptability to the existing geographical conditions.

24- A diverse variety of indigenous evergreen and ornamental trees would be planted.

25- Emphasis on native plant species which are having good ornamental values and fast growing with excellent canopy cover will be given.

26- Waste generation:-

Total Waste Generation	3.63	TPD
Organic Waste Generation	2.18	TPD
E- Waste Generation	19	KG/Day
Sludge Generation	355	KG/Day
Hazardous Waste Generation (DG Waste Oil)	4.24	Lts/ Annum

27- Power Details-

- Power load: 5090 KVA
- Source of Power Supply: Uttar Pradesh Power Corporation Ltd (UPPCL)
- Power Backup:
 - A total of 3020 KVA (2 no. X 1010 KVA + 2 no. X 500 KVA) DG sets will be provided as backup power supply
 - Suitable acoustic enclosure of DG sets as per EP rules.
 - Ultra Low Sulphur Diesel will be used in D.G. sets
 - Height of D.G Stack – 84.45 meter (6 meter above tallest tower)

28- Parking plan

Particulars	Number (ECs)
Required Parking as per bylaws(@1ECS/80 SQM FAR Area)	1443
Particulars	Number (ECs)
Proposed Parking	1450 ECS
Stilt / Podium Parking	341 ECS
Basement Parking	1109 ECS

Resolution against agenda no-13

The committee discussed the matter and recommended following amended TORs and general guidelines for conducting EIA studies regarding the proposals:

Additional TORs :

1. Master plan of the area showing proposed project. Permissible uses of the proposed site as per zoning regulation.
2. Allotment letter from concerned development authority.
3. All approved drawings/maps alongwith approved services plans.
4. Structural design certificate signed by architect and vetting authority should be submitted. All structural design drawings should be signed by architect and counter signed by vetting authority.
5. Area details showing proposed uses as residential, commercial, parks, parking, roads, other services, facilities of the project also in percentage.
6. Physical features within 30 m of the project sites with their ownership.
7. Complete Details of facilities to be developed by the project proponent i.e. for which environment clearance is sought.
8. Use of reflecting paints on roof top and side walls.
9. Details of rain water harvesting are to be given.
10. Provision of 100% solar lighting along the road site, stair cases, common places.
11. Plan for EWS / LIG housing provision as per Development Authority bye-laws.
12. Examine in detail the proposed site with reference to impact on infrastructure covering water supply, storm water drainage, sewerage, power, etc., and the disposal of treated/raw wastes from the complex on land/water body and into sewerage system. Consider soil characteristics and permeability for rainwater harvesting proposals, should be made to prevent ground water contamination. Maximize use of treated water by recycling and utilization of rainwater.
13. Water requirement and water management plan along with necessary permissions for discharge.
14. An underground Pucca tank for collection/reuse of rain water may be constructed.
15. Hydro-geological investigations be carried out and obtain permission from Central Ground Water Authority for withdrawal of ground water.
16. Make provision for safety against failure in the operation of wastewater treatment facilities. Identify acceptable outfall for treated effluent.
17. Details of green belt as a measure for mitigation of dust and noise and buffer between habitation and proposed project.
18. Landscape plan, green belts and open spaces may be described separately.
19. Study the existing flora and fauna of the area and the impact of the project on them. There should be no basement below 15 m setback. Accordingly Plan should be revised and submitted.
20. Section of all internal roads should be provided. Right of way and carriage way width

should be clearly marked on the map. Avoid entry/exit at point of junction of roads. Traffic movement plan in and out should be shown.

21. Examine existing crèche, education, health facilities, police, post Office, Banks and other services and make adequate provisions in the proposal.
22. Assess soil erosion in view of the soil characteristics, topography and rainfall pattern.
23. Application of renewable energy/alternate energy, such as solar and wind energy may be described including solar water heating in the guidelines for entrepreneurs.
24. Consider solid wastes, including e-waste in addition to other solid wastes and their disposal.
25. Identification of recyclable wastes and waste utilization arrangements may be made.
26. Explore possibility of generating biogas from biodegradable wastes.
27. Arrangements for hazardous waste management may be described as also the common facilities for waste collection, treatment, recycling and disposal of all effluent, emission and refuse including MSW, biomedical and hazardous wastes. Special attention should be made with respect to bird menace.
28. Provisions made for safety in storage of materials, products and wastes may be described.
29. Disaster management plan should be prepared.
30. Traffic management plan including parking and loading/unloading areas may be described. Traffic survey should be carried out both on weekdays and weekend.
31. Parking provision is to be made for higher ECS worked out either as per state bye-laws or construction manual of the MoEF. Additional parking more than required nos. as per norms will not be permitted.
32. Exclusive Parking area in the basement (excluding other facilities) and surface is to be clearly mentioned.
33. Provide service road for entry and exit to project site.
34. Use of local building materials should be described.
35. Consider provision of DG Flue Gas emissions to be treated in a scrubber. Stack details with provisos of sampling port for monitoring be described. Power backup should be restricted to 50-60 % of power requirement. Plan should be revised and submitted.
36. Work out MGLC for the combined capacity of DG sets.
37. Provide for conservation of resources, energy efficiency and use of renewable sources of energy in the light of ECBC code.
38. Application of resettlement and rehabilitation policy may be described. Project affected persons should be identified and rehabilitation and resettlement plan should be prepared.
39. Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan.
40. Corporate Social Responsibility (CSR) plan along with budgetary provision amounting to 2% of project cost shall be prepared and approved by Board of Directors of the company. A copy of resolution as above shall be submitted to the authority along with list of beneficiaries with their mobile nos./address.

41. Required no of trees should be proposed @ 01 tree/80 sqm, submit plan.
42. 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.
43. Declare/submit the running cost of STP and other environmental management services (e.g., Municipal Solid Waste Disposal, Green belt Maintenance, Water Management etc.) in the proposals which are to be including in the allotment letters. Vendors should be identified for Municipal Solid Waste Management and submitted.
44. The proponent will submit the schedule of monitoring/data collection programme to the Office of Directorate, Member Secretary, UP Pollution Control Board and District Magistrate of related District.

General Guidelines:

- a. A legal affidavit by the Project proponent on Rs. 100/- non-judicial Stamp Paper, duly attested by Public Notary, stating that:
 - I. "There is no litigation pending against the project and/or land in which the project is proposed to be set up (please give name & ownership etc. of the project) and that for any such litigation what so ever, the sole responsibility will be borne by the Project proponent."
 - II. "No activity relating to this project (i.e. name of the project) including civil construction has been undertaken at site except fencing of the site to protect it from getting encroached and construction of temporary shed(s) for the guard(s). (if fencing has not been done, then the same may be deleted).
 - III. "I/We hereby give undertaking that the data and information given in the application, enclosures and other documents are true to the best of my knowledge and belief and I/We am/are aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the Project will be revoked at our risk and cost."
 - IV. Project does not fall under any buffer zone of no-development as declared /identified under any law.
- b. Another legal affidavit by the consultant stating "(a) that the prescribed TORs have been complied with (to be deleted if not applicable) & (b) that details and the data presented are factually correct", as per MoEF circular dated 04.08.2009 is also to be submitted along with EIA.
- c. Current, site photographs viewing towards the project area from four directions indicating date of photograph taken, direction from which taken, name of the project, and signature of Project proponent along with consultant with seal should be submitted, so as to ensure that no construction has been started before the grant of EC.
- d. EIA should strictly follow the guidelines prescribed in annexure-III to the EIA notification of 2006 and the Methods of Monitoring and analysis (Annexure-IV): Guidance for assessment of representativeness and reliability of baseline environmental attributes detailed under EIA manual January, 2001 and other guidelines in the matter.

- e. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
- f. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated.
- g. While submitting the EIA/EMP reports, the name of the experts associated with/involved in the preparation of these reports and the Name of laboratory through which the samples have been got analysed should be stated in the report. It shall clearly be indicated whether said laboratory is accredited by NABL or approved under the Environment (Protection) Act, 1986 (Please refer MoEF office memorandum dated 4th August, 2009). The name project leader of the EIA study shall also be mentioned.
- h. The EIA document shall be printed on both sides, as far as possible.

The Information's no (a I , II, III & c) asked under the general guidelines is to be submitted within 15 days from the date of receipt of the letter and remaining of the information's is to be submitted along with the EIA.

22. Proposed river bed Sand Mining from Yamuna River at Khand No.11, Village/Ghat-Birwal, Kainua, Tehsil-Bara, District-Allahabad, U.P. (Leased Area-8.0 Ha) File no- 3986/ Proposal No. (SIA/UP/ MIN /71343/2017)

A presentation was made by Shri Dhirendra Kumar Dwivedi, representative of project proponent along with their consultant M/s Paramarsh. The proponent, through the documents submitted and the presentation made, informed the committee that:-

- 1- The environmental clearance is sought for Proposed river bed Sand Mining from Yamuna River at Khand No.11, Village/Ghat-Birwal, Kainua, Tehsil-Bara, District-Allahabad, U.P. (Leased Area-8.0 Ha)

2- Project Details-

1. On-line proposal No.	SIA/UP/MIN/72247/2018
2. File No. allotted by SEIAA, UP	3986
3. Name of Proponent	Dhirendra Kumar Dwivedi
4. Full correspondence address of proponent and mobile no.	Shri Dhirendra Kumar Dwivedi S/o Shri Ramesh Chandra Dwivedi R/o 115C/2B/1, Tarakutir Road, Lukarganj, Thana – Khuldabad, District - Allahabad, Uttar Pradesh
5. Name of Project	M/s Shanti Construction Company
6. Project location (Plot/Khasra/Gata No.)	10
7. Name of River	Bara
8. Name of Village	Birwal, Kainua
9. Tehsil	Bara
10. District	Allahabad
11. Name of Minor Mineral	Sand/Morrum mining

12. Sanctioned Lease Area (in Ha.)	8.0 ha (19.76 Acres)		
13. Mineable Area (in Ha.)	4.02 ha		
14. Zero level mRL	82.10		
15. Max. & Min mrl within lease area	Highest mRL is 86.40* Lowest mRL is 82.10*		
16. Pillar Coordinates (Verified by DMO)	Pillar No	Latitude	Longitude
	A	25° 20.636'	81° 44.927'
	B	25° 20.456'	81° 44.927'
	C	25° 20.524'	81° 44.971'
	D	25° 20.706'	81° 44.681'
17. Total Geological Reserves	2,39,870 m ³		
18. Total Mineable Reserves in LOI	1,60,000 m ³		
19. Total Proposed Production	4,20,000 m ³ (5 years)		
20. Proposed Production/year	84,000 m ³ /annum		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	336 m ³		
23. Method of Mining	Opencast/ Semi-Mechanized		
24. No. of working days	250 Days		
25. Working hours/day	8 hrs		
26. No. Of workers	53		
27. No. Of vehicles movement/day	35		
28. Type of Land	Govt./Non Forest Land		
29. Ultimate Depth of Mining	2		
30. Nearest metalled road from site	0.60 m		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.59	
	Suppression of dust	7.20	
	Plantation	1.40	
	Others (if any)	0.00	
	Total	9.19	
32. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh (Servicing Environment and Development) 106 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-1940 dated 20.01.2018		
35. Details of Lease Area in approved DSR	Page No- 59 S. No- 10		
36. Proposed CSR cost	6.15 lacs		
37. Proposed EMP cost	Capital (Rs)- 2,50,000 Recurring/years- 7,90,000		
38. Length and breadth of Haul Road	0.35 m 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-22

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. Project proponent should ensure survival of tree samplings. Mortality should be replaced from time to time.
2. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
3. One month monitoring report of the area for air quality, water quality, Noise level, Flora & Fauna should be conducted twice a week and be submitted within 45 days for a record.
4. Provision for cylinder to workers should be made for cooking.
5. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
6. Provide suitable mask to the worker.
7. Approach road kaccha is to be made motarable and tree samplings to be planted on both sides of the road.
8. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
9. 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.
10. Provision for two toilets and hand pumps should be made at mining site.
11. Drinking water for workers would be provided by tankers.
12. Mining should be done Bar scalping or skimming methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
13. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
14. Total Project Cost has been submitted as Rs. 93.52 lac. A CSR plan with minimum Rs. 4.6 lac 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, Allahabad, U.P.
15. Detail of works under CSR which has to be executed as above is to be submitted with an affidavit to Directorate as well as to the District magistrate / Chief Development officers, Allahabad, U.P.
16. 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.
17. Measure for conservation of water rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CSR.
18. 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 to be taken and details to be provided to concerned Department.

19. Width of the haul road shall be more than 6 meter.
20. 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.
21. The Committee appraised the Project as per the SSMMG-2016, proposed a working area based on the coordinates given in point no. 16, which are verified by the DMO, Allahabad and the proposed production of 84,000 m³/year as against the proponent's presentation of 84,000 m³/ year. The committee recommended grant of Environment Clearance for the Lease.

23. Sand/Morrum Mining from betawa river for M/s Suresh Chandra Gupta at Gata No. 596 Khand No. 1, Village- Basrehi, Tehsil- Kalpi, District- Jalaun, U.P. (Area 16.194ha) File no- 4089/ Proposal No. (SIA/UP/ MIN /72828/2018)

A presentation was made by Shri Subhash Chandra Patel, representative of project proponent along with 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 Sand/Morrum Mining from betawa river for M/s Suresh Chandra Gupta at Gata No. 596 Khand No. 1, Village- Basrehi, Tehsil- Kalpi, District- Jalaun, U.P.

2- Project Details-

1. On-line proposal No.	SIA/UP/MIN/72828/2018
2. File No. allotted by SEIAA, UP	4089
3. Name of Proponent	Shri Suresh Chand Gupta
4. Full correspondence address of proponent and mobile no.	M/ s Suresh Chand Gupta Proprietor- Shri Suresh Chand Gupta S/o Shri Narayan Das Gupta R/o 60, Ganesh Bazar, Jhansi city, District- Jhansi, U.P. 284002
5. Name of Project	Sand/Morrum Mining
6. Project location (Plot/Khasra/Gata No.)	Gata No. 596 Khand No. 1
7. Name of River	Betwa
8. Name of Village	Basrehi
9. Tehsil	Kalpi
10. District	Jalaun
11. Name of Minor Mineral	Sand/Morrum
12. Sanctioned Lease Area (in ha)	16.194 ha
13. Mineable Area (in ha)	15.624 ha
14. Zero level mRL	99 mRL
15. Max. & Min mrl within lease area	109 mRL and 100 mRL

16. Pillar Coordinates (Verified by DMO)	Pillars	Latitude	Longitude
	A	25°53'18.10"N	79°45'38.88"E
	B	25°52'51.89"N	79°45'57.36"E
	C	25°52'49.98"N	79°45'45.88"E
	D	25°53'8.52"N	79°45'38.98"E
	E	25°53'10.61"N	79°45'39.28"E
	F	25°53'16.78"N	79°45'36.10"E
	Workable Area		
	A	25°53'18.10"N	79°45'38.88"E
	B	25°52'51.89"N	79°45'57.36"E
	C	25°52'49.98"N	79°45'45.88"E
	D	25°53'8.52"N	79°45'38.98"E
	E	25°53'10.61"N	79°45'39.28"E
17. Total Geological Reserves	8,09,700m ³		
18. Total Mineable Reserves in LOI	2,42,910 m ³ /year		
19. Total mineable reserve approved in mine plan Proposed Production per Form-1, PFR & EMP and presentation submitted to SEAC UP	2,42,910 m ³ /year (12,14,550 m ³ in 05 years)		
20. Proposed Production/year	2,42,910 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	883.3 m ³		
23. Method of Mining	Bar Scalping or Skimming method (Semi mechanized/ OTFM-Other than fully mechanized, as per IBM & SSMG, 2016) using: <ul style="list-style-type: none"> • Scraper/light earth movers • Chain based Bulldozer for rescue & salvage • Loader • Truck & tractors for transportation 		
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	98units		
28. Type of Land	Government Land		
29. Ultimate Depth of Mining	3 m		
30. Nearest metalled road from site	NH25 (Kanpur-Jhansi Highway) – 12.80 km* (in SE Direction)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.52	
	Suppression of dust	16.2	
	Plantation	0.075	
	Others (if any)	-	
	Total	16.79 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 Kanpur Dehat. Letter No. 812/Up Khanij- e-tender sah e-neelami 2017-18 dated 25.01.2018
35. Details of Lease Area in approved DSR	Page No 54; Table No. Nill
36. Total Project Cost	Rs. 1,40,82,275/-
37. Proposed CSR cost	5% of total project cost i.e. Rs. 7,04,114/-
38. Proposed EMP cost	Rs. 30,43,375/-
39. Length and Width of Haul Road	1350 m Length and 6 m width

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

Resolution against agenda no-23

The committee discussed the matter and recommended 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. Project proponent should ensure survival of tree samplings. Mortality should be replaced from time to time.
2. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
3. One month monitoring report of the area for air quality, water quality, Noise level, Flora & Fauna should be conducted twice a week and be submitted within 45 days for a record.
4. Provision for cylinder to workers should be made for cooking.
5. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
6. Provide suitable mask to the worker.
7. Approach road kaccha is to be made motarable and tree samplings to be planted on both sides of the road.
8. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
9. 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.
10. Provision for two toilets and hand pumps should be made at mining site.
11. Drinking water for workers would be provided by tankers.
12. Mining should be done Bar scalping or skimming methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
13. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
14. Total Project Cost has been submitted as Rs. 1,40,82,275. A CSR plan with minimum Rs. 7,04,114 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.

15. Detail of works under CSR which has to be executed as above is to be submitted with an affidavit to Directorate as well as to the District magistrate / Chief Development officers, Jalaun, U.P.
16. 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.
17. Measure for conservation of water rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CSR.
18. 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 to be taken and details to be provided to concerned Department.
19. Width of the haul road shall be more than 6 meter.
20. 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.
21. The Committee appraised the Project as per the SSMMG-2016, proposed a working area based on the coordinates given in point no. 16, which are verified by the DMO, Jalaun and the proposed production of 2,42,910 m³/year as against the proponent's presentation of 2,42,910 m³/ year. The committee recommended grant of Environment Clearance for the Lease.

(Dr. Sarita Sinha)
Member

(Dr. Arvind Mathur)
Member

(Dr. Virendra Mishra)
Member

(Dr. Ranjeet Kumar Dalela)
Member

(Dr. Richhpal Singh Sangu)
Member

(Shri Ramesh Chand Kataria)
Member

(Shri Ajoy Kumar Mandal)
Member

(Shri Meraj Uddin)
Member

(Dr. Parmod Kumar Mishra)
Member

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

**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. CSR 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 Environmental clearance will be co-terminus with the mining lease period.
2. 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.
3. 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.
4. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
5. 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.
6. 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.
7. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). No drilling/blasting should be involved at any stage.
8. 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.
9. 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.
10. 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.
11. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
12. 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.
13. 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))].
14. 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.
15. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.

16. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
17. 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.
18. 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.
19. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
20. 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.
21. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
22. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
23. 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.
24. 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.
25. 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.
26. 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.com> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
27. 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.
28. 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.
29. 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.
30. Waste water from potable use be collected and reused for sprinkling.
31. During the school opening and closing time vehicle movement will be restricted.
32. 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.