

Minutes of 463rd SEAC Meeting Dated 15/05/2020

The 463rd meeting of SEAC was held through video/tele-conferencing/ email in view of the Corona Virus Disease (Covid-19) on 15/05/2020. Following members were participate in the online meeting:

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

The Chairman welcomed the members to the 463rd SEAC meeting which was conducted online.
The SEAC unanimously took following decisions on the agenda points discussed:

1. Sand/Morrum Mining from Ganga River Bed at Khand No.- 1, Gata No.- 1 Village-Uchagaon Khadar, Tehsil- Dibai, District-Bulandshahar, Lease Area-9.879 Ha File no. 4374Proposal No. SIA/UP/MIN/ 27950/2018

The committee observed that a complaint letter dated 27/02/2020 has been received from Shri Sanjay Kumar Sharma S/o Shayambabu Sharma Village – Sujapur, Tehsil – Shikarpur , District – Bulandshaher stating the issues related to correction of map and overlapping of leases.

The committee also observed that ToR has been issued on 12/12/2018.

The committee discussed the letter dated 27/02/2020 and decided that a letter should be sent to the District Magistrate, Bulandshahar and District Mining Officer, Bulandshahar for providing the factual report on the matter. Revised cluster certificate of the total area, Geo coordinates of total area, workable and non workable area (submersed area) should be provided. Lease map taken from record room neither area is not marked nor coordinates earmarked. The matter shall be discussed after receipt of factual report of the lease area within 15 days.

The committee also directed that a copy of the letter should be sent to Director, Geology and Mining Department, Lucknow, Uttar Pradesh and the project proponent for necessary action.

2. Sand Mining from Betwa River Bed at Khand No.-10/2, Village- Beri, Hamirpur,, Shri Shailendra Yadav (Leased Area-36.437 Ha)File No. 4546/Proposal No. SIA/UP/MIN/29654/2018

A presentation was made by the project proponent through video/tele-conferencing/ email in view of the Corona Virus Disease (Covid-19) along with their consultant ENV Development Assistance Systems (I) Pvt. Ltd. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Sand Mining from Betwa River Bed at Khand No.-10/2, Village- Beri, Hamirpur,, Shri Shailendra Yadav (Leased Area-36.437 Ha)
2. The terms of reference in the matter were issued vide letter no.627/Parya/SEAC/4546/2017 dated on 07/01/2019,
3. The public hearing was organized on 28/11/2019.
4. Date of online submission of Final EIA report 29/02/2020.
5. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/29654/2018		
2. File No. allotted by SEIAA, UP	4546		
3. Name of Proponent	Shri Shailendra Yadav Authorized Signatory - Shri Shailendra Yadav S/o Shri Naipal Singh		
4. Full correspondence address of proponent and mobile no.	Shri Shailendra Yadav Proprietor- Shri Shailendra Yadav S/o Shri Naipal Singh, R/o Kaushal Coloney, Malli Bhamauri, P.O. - Damuradhunga, Tehsil - Haldwani, District - Nainital, Uttarakhand.		
5. Name of Project	Sand/Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Khand No. 10/2		
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)	36.437 ha		
13. Mineable Area (in ha)	32.437 ha		
14. Zero level mRL	94 mRL		
15. Max. & Min mrl within lease area	102 mRL and 98 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Lease Area (36.437 ha)		
	Points	Latitude	Longitude
	A	25° 53.087'N	79° 56.271'E
	B	25° 53.311'N	79° 56.508'E
	C	25° 53.073'N	79° 56.704'E
	D	25° 52.767'N	79° 56.538'E
	Effective MLA/Working Area (32.437 ha)		
	A	25° 53.087'N	79° 56.271'E
	B	25° 53.311'N	79° 56.508'E
	F	25° 53.208'N	79° 56.592'E
	E	25° 53.064'N	79° 56.289'E
	H	25° 53.025'N	79° 56.323'E
	G	25° 53.185'N	79° 56.612'E
	C	25° 53.073'N	79° 56.704'E
	D	25° 52.767'N	79° 56.538'E
	Non Workable Area (4.00 ha)		
	E	25° 53.064'N	79° 56.289'E

	F	25° 53.208'N	79° 56.592'E
	G	25° 53.185'N	79° 56.612'E
	H	25° 53.025'N	79° 56.323'E
17. Total Geological Reserves	18,21,850 m ³		
18. Total Mineable Reserves in LOI	5,82,912 m ³ /year		
19. Total Proposed Production	5,82,912 m ³ /year (29,14,560 m ³ in 05 years)		
20. Proposed Production/year	5,82,912 m ³		
21. Sanctioned Period of Mine lease	5 years		
22. Production of mine/day	2,119 m ³ /day		
23. Method of Mining	Opencast Semi mechanized		
24. No. of working days	275 days		
25. Working hours/day	12 hours		
26. No. Of workers	Approximately 75 labours		
27. No. Of vehicles movement/day	141 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(Ingohata-Chhani Road)- 7.5 km*(SE)		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.9	
	Suppression of dust	67.92	
	Plantation	0.091	
	Others (Stored Water)	0.10	
	Total	70.0 KLD	
	32. Name of QCI Accredited Consultant with QCI No and period of validity.	ENV Development Assistance Systems (I) Pvt. Ltd. NABET/EIA/1821/SA 102 and Valid till 25/02/2021.	
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. 3053/khanij-MMC-TEES-VIVIDH (2019-20), Hamirpur dated 19/02/2020.		
35. Details of Lease Area in approved DSR	Page No 62; Serial No. 67		
36. Proposed CER cost	2% of total project cost i.e. Rs. 41,95,800/-		
37. Proposed EMP cost/ Total Project Cost	Rs 1,10,99,486/- & 20,97,90,194/-		
38. Length and Width of Haul Road	2,080 m Length and 6 m width		
39. No. of Trees to be Planted	182		

The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.

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

RESOLUTION AGAINST AGENDA NO-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:

- Environment management in according to environmental status and impact of the project.
- Selection of plants for green belt should be on the basis of pollution removal index.
- No mining activity should be carried out in-stream channel as per SSMMG, 2016.
- Pakka motorable haul road to be maintained by the project proponent.

5. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
 6. Permission from the competent authority regarding evacuation route should be taken.
 7. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
 8. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
 9. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
 10. Provision for cylinder to workers should be made for cooking.
 11. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
 12. Provide suitable mask to the workers.
 13. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
 14. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
 15. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
 16. Provision for two toilets and hand pumps should be made at mining site.
 17. Drinking water for workers would be provided by tankers.
 18. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
 19. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
 20. Corporate Environmental Responsibility (CER) plan shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018.
 21. 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.
 22. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
 23. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
 24. Width of the haul road shall be more than 6 meter.
 25. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
3. **Riverbed Sand/Morrum Mining at Khand No.- 31/3, Village Patyaura, Tehsil -Sadar, District: Hamirpur,U.P. Lease Area 36.437 ha. M/s Sharad Enterprises,File No. 5567/4711/Proposal No. SIA/UP/MIN/ 51909/2019**

The committee observed that a letter dated 13/05/2020 has been received from M/s Sharad Enterprises stating the issues related to submergence of leases area.

The committee discussed the letter dated 13/05/2020 and opined that a letter should be sent to the District Magistrate, Hamirpur and District Mining Officer, Hamirpur for providing the latest factual report of the

site from competent authority (DGM /DM/DMO) along with all verified point-coordinate on lease map, and photographs with date, time within 15 days.

The committee also directed that a copy of the letter should be sent to Director, Geology and Mining Department, Lucknow, Uttar Pradesh and the project proponent for necessary action.

4. Sand/Morrum Mining from Yamuna Rive Bed, Gata No.-01, Village-Biyawal, Tehsil- Mau, District- Chitrakoot, U.P.,M/s Harsh Enterprises, Lease Area: 32.7860 ha.File no. 5591/4996Proposal No. SIA/UP/MIN/ 52078/2019

A presentation was made by the project proponent through video/tele-conferencing/ email in view of the Corona Virus Disease (Covid-19) along with their consultant GEOGREEN ENVIRO HOUSE PVT LTD, LUCKNOW. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. Minable reserve of 9,18,008 m3 has been revised to 3,98,860 m3 as per Director, Geology and Mining Department, Uttar Pradesh office order no. 691/M-236/18 (Kha.Yo. Sanshodhan) dated 29/07/2019.
2. The environmental clearance is sought for Sand/Morrum Mining from Yamuna Rive Bed, Gata No,-01, Village-Biyawal, Tehsil- Mau, District- Chitrakoot, U.P.,M/s Harsh Enterprises, Lease Area: 32.7860 ha.
3. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 496/Parya/SEAC/4996/2019 dated 20.12.2019.
4. The public hearing was organized on 19/02/2019.
5. Salient features of the project as submitted by the project proponent:

1.	On Line Proposal No.	SIA/UP/MIN/52078/2019	
2.	File No. Allotted By SEIAA, UP	5591/4996	
3.	Name Of Proponent	Mr. Sunil Kumar Paney	
4.	Full Correspondence Address Of Proponent And Mobile Number	Mr. Suneel Kumar Pandey S/o Shree Ananad Sankar Pandey 271/200,S.F.-12,Mangal Kunj,Alengnj,Distt.-Paryagraj,U.P.	
5.	Name of Project	Sand/Moram mining at Yamuna river Bed Gata No.01 Village-Biyawal, Tehsil-Mau,District Chitrakoot,U.P. (M.L.area-32.786Ha).	
6.	Project Location (Plot/Khasra/Gata No.)	Ga No.-01at	
7.	Name Of River	Yamuna	
8.	Name Of Village	Biyawal	
9.	Tehsil	Mau	
10.	District	Chitrakoot	
11.	Name Of Minor Mineral	Sand/Moram	
12.	Sanctioned Lease Area In Ha	32.786Ha.	
13.	Mineable Area In Ha	21.56 Ha	
14.	Zero Level mRL	78mRL	
15.	Max. & Min mRL Within Lease Area	83.5mRL, Min79.90mRL	
16.	Pillar Coordinates (Verified By DMO)	Pillar No.	latitude longitude
		A	25°20.540' N 81°21.158' E
		A12	25°20.529' N 81°21.209' E
		A11	25°20.534' N 81°21.267' E
		A1	25°20.520' N 81°21.310' E
		A21	25°20.527' N 81°21.326' E
		A2	25°20.524' N 81°21.506' E
		A32	25°20.392' N 81°21.712' E
		A31	25°20.361' N 81°21.798' E

		A3	25 ⁰ 20.330' N	81 ⁰ 21.822' E
		B	25 ⁰ 20.307' N	81 ⁰ 22.031' E
		C	25 ⁰ 20.415' N	81 ⁰ 22.078' E
		C11	25 ⁰ 20.449' N	81 ⁰ 21.931' E
		C1	25 ⁰ 20.474' N	81 ⁰ 21.843' E
		C21	25 ⁰ 20.585' N	81 ⁰ 21.595' E
		C2	25 ⁰ 20.625' N	81 ⁰ 21.518' E
		C22	25 ⁰ 20.644' N	81 ⁰ 21.275' E
		D	25 ⁰ 20.652' N	81 ⁰ 21.198' E
		D1	25 ⁰ 20.608' N	81 ⁰ 21.181' E
		D2	25 ⁰ 20.567' N	81 ⁰ 21.542' E
		D3	25 ⁰ 20.434' N	81 ⁰ 21.829' E
		D4	25 ⁰ 20.380' N	81 ⁰ 22.063' E
17.	Total Geological Reserve	646800.00cubic meter		
18.	Total Mineable Reserve	398860.00 cubic meter		
19.	Total Proposed Production in 5 Years	1994300.00 cubic meter		
20.	Proposed Production/year	398860.00 cubic meter		
21.	Sanctioned Period of Mine Lease	05 years		
22.	Production Of Mine/Day	1477.30 cubic meter / day		
23.	Method of Mining	Opencast Manual & semi mechanized mining		
24.	No. of Working Days	270		
25.	Working Hours/Day	08 hrs max, Day Time		
26.	No. of Workers	65		
27.	No. of Vehicles Movement/Day	40 trucks twice a day		
28.	Type Of Land	Government Barren Land		
29.	Ultimate Depth of Mining	1.40 meter		
30.	Nearest Metalled Road From Site	SH95-3 KM. North.		
31.	Water Requirement	Purpose	Requirement(KLD)	
		Drinking	2.50	
		Dust supresion	19.00	
		Plantation	2.00	
		Other any If any	-	
		Total	23.50	
32.	Name of the QCI Accredited Consultant With QCI No. And Period Of Validity	GEOGREEN ENVIRO HOUSE PVT LTD, LUCKNOW NABET/EIA/1720/IA0023 Valid till April 02, 2020 extend up to 30 june2020		
33.	Any Litigation Pending Against The Project Or Land In Any Court.	No		
34.	Details Of 500m Cluster Map & Certificate Verified By Mining Officer	Letter No.1686/Khanij/2019-20dated18-09-2019		
35.	Details Of Lease Area In Approved DSR	Page No 556.No22		
36.	Proposed CER Cost	Rs. 4.21lakhs		
37.	Propose EMP Cost	Rs. 1026.00Lakh		
38.	Length And Breadth of Haul Road	1000.00 m X 6.0 m		
39.	No. of trees to be planted	50 Saplings		

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

RESOLUTION AGAINST AGENDA NO-04

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

1. Environment management in according to environmental status and impact of the project.
2. Selection of plants for green belt should be on the basis of pollution removal index.
3. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
4. Pakka motorable haul road to be maintained by the project proponent.
5. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
6. Permission from the competent authority regarding evacuation route should be taken.
7. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
8. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
9. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
10. Provision for cylinder to workers should be made for cooking.
11. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
12. Provide suitable mask to the workers.
13. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
14. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
15. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
16. Provision for two toilets and hand pumps should be made at mining site.
17. Drinking water for workers would be provided by tankers.
18. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
19. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
20. Corporate Environmental Responsibility (CER) plan shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018.
21. 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.
22. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
23. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
24. Width of the haul road shall be more than 6 meter.
25. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

5. Ordinary Sand Mining" Project at Araj No.- 9 Gha/2, Village- Khaira, Tehsil- Sadar, District- Mirzapur, U.P., M/s Shubham Udyog, Leased Area -5.0 ha File No 5642/5063 proposal No. SIA/UP/MIN/ 52776/2019

A presentation was made by the project proponent through video/tele-conferencing/ email in view of the Corona Virus Disease (Covid-19) along with their consultant M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. Ltd. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Ordinary Sand Mining" Project at Araj No.- 9 Gha/2, Village- Khaira, Tehsil- Sadar, District- Mirzapur, U.P., M/s Shubham Udyog, Leased Area -5.0 ha
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 526/Parya/SEAC/5063/2019, dated: 16th January, 2020.
3. The public hearing was organized on 17/03/2019.
4. Final EIA report submitted on 30/03/2020.
5. Salient features of the project as submitted by the project proponent:

1	The environmental clearance is sought for Ordinary Sand Mining at Gata No.- 9 Gha / 2, Village- Khaira, Tehsil- Sadar, District- Mirzapur, U.P. M/s Shubham Udyog, (Applied Area- 5.0 ha.),				
2.	The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 526/Parya/SEAC/5063/2019, dated: 16 th January, 2020.				
3.	The public hearing was organized on		17 th March, 2020		
4.	Final EIA report submitted on		30 th March, 2020		
5.	On-line proposal No.		SIA/UP/MIN/52776/2019		
6.	File No. allotted by SEIAA, UP		5642 & 5063		
7.	Name of Proponent		M/s Shubham Udyog, Shri Shubham Raj Singh S/o Shri Tilak Raj Singh		
8.	Full correspondence address of proponent and mobile no.		R/o- Vill.- Bhourupur, Ajgana Thana- Jigna, Tehsil- Sadar, District- Mirzapur, U.P.		
			Mobile No.		
			E-mail ID		
9.	Name of Project		Ordinary Sand Mining Project		
10.	Project location (Plot/ Khasra /Gata No.)		Gata No.- 9 Gha / 2		
11.	Name of River		Ganga		
12.	Name of Village		Khaira		
13.	Tehsil		Sadar		
14.	District		Mirzapur		
15.	Name of Minor Mineral		Ordinary Sand		
16.	Sanctioned Lease Area (in Ha.)		5.0 ha.		
17.	Max.& Min mrl within lease area		76.0 mRL- 73.0 mRL		
18.	Pillar Coordinates(Verified by DMO)		Pillars	Latitude (N)	Longitude (E)
			A	25°14'03.597"N	82°15'06.95376"E
			B	25°14'06.4953"N	82°15'15.057"E
			C	25°14'0.37644"N	82°15'16.7166"E
			D	25°13'57.14328"N	82°15'06.382"E
19.	Total Geological Reserves		175000 m ³		
20.	Total Mineable Reserves		100614 m ³		
21.	Total Proposed Production (in five year)		500000 m ³		
22.	Proposed Production / year		Year		Production
			1 st		100000 m ³
			2 nd		100000 m ³
			3 rd		100000 m ³
			4 th		100000 m ³

		5 th	100000 m ³	
		Total	500000 m ³	
23.	Sanctioned Period of Mine lease	5 Year		
24.	Production of mine/day	445 m ³ (average)		
25.	Method of Mining	Opencast Semi-Mechanized		
26.	No.of working days	225 days		
27.	Working hours/day	8 Hours/Day		
28.	No.Of workers	24 (average)		
29.	No.Of vehicle movement /day	37 (average)		
30.	Type of Land	River Bed Govt. Land		
31.	Ultimate Depth of Mining	2.25 meter (average)		
32.	Nearest metallad road from site	0.70 km		
33.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking & Others	0.25	
		Suppression of dust	4.20	
		Plantation	0.25	
		Others(if any)	-----	
		Total	4.70	
34.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development)., Lucknow, U.P. QCI/NABET/EIA/1821/RA0120 Validity- May 01, 2021		
35.	Any litigation pending against the project or land in any court	No		
36.	Details of 500 m Cluster Map & certificate Verified by Mining Officer	DMO, Mirzapur vide Letter No. 643 Dated 17 nd July, 2019		
37.	Details of Lease Area in approved DSR	Page No.- 20, S.No.- 06.		
38.	Proposed CER cost	1.15 Lakh		
39.	Proposed EMP cost	10.19 Lakh		
40.	Length and breadth of Haul Road.	Length- 0.70 km Km, Width- more than 6.0 m		
41.	No. of Trees to be Planted	235		

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

RESOLUTION AGAINST AGENDA NO-05

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

1. Environment management in according to environmental status and impact of the project.
2. Selection of plants for green belt should be on the basis of pollution removal index.
3. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
4. Pakka motorable haul road to be maintained by the project proponent.
5. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
6. Permission from the competent authority regarding evacuation route should be taken.

7. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
 8. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
 9. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
 10. Provision for cylinder to workers should be made for cooking.
 11. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
 12. Provide suitable mask to the workers.
 13. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
 14. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
 15. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
 16. Provision for two toilets and hand pumps should be made at mining site.
 17. Drinking water for workers would be provided by tankers.
 18. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
 19. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
 20. Corporate Environmental Responsibility (CER) plan shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018.
 21. 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.
 22. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
 23. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
 24. Width of the haul road shall be more than 6 meter.
 25. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
6. **Sand/Morrum Mining from Betwa River Bed at Khand No.- 26/6,Village- Chandwari Ghurauli, Tehsil- Sarila, District- Hamirpur, U.P.,M/s Dijiyana Industries Pvt. Ltd., (Leased Area-36.437 Ha) (Total Cluster Area- 72.824 ha), File No 4523 proposal No. SIA/UP/MIN/29459/2018**

A presentation was made by the project proponent through video/tele-conferencing/ email in view of the Corona Virus Disease (Covid-19) along with their consultant P & M Solution Noida.

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 Betwa River Bed at Khand No.- 26/6,Village- Chandwari Ghurauli, Tehsil- Sarila, District- Hamirpur, U.P.,M/s Dijiyana Industries Pvt. Ltd., (Leased Area-36.437 Ha) (Total Cluster Area- 72.824 ha)

2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 625/Parya/SEAC/4523/2017 dated 07.01.2019.
3. The public hearing was organized on 17th March, 2020. Final EIA report submitted on 31st March 2020
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/ 29459/2018		
2. File No. allotted by SEIAA, UP	4523		
3. Name of Proponent	M/s Dijiyana Industries Pvt. Ltd.		
4. Full correspondence address of proponent and mobile no.	G-1, M-03, Sapna chambers, Tukoganj, Indore, M.P.		
5. Name of Project	Sand/Morrum Mining Project at bank of Betwa River at Khand 26/6		
6. Project location (Plot/Khasra/Gata No.)	Bank of Betwa River at Khand 26/6,		
7. Name of River	Betwa River		
8. Name of Village	Chandwari Ghurauli		
9. Tehsil	Sarila		
10. District	District Hamirpur, Uttar Pradesh		
11. Name of Minor Mineral	Sand/Morrum Mining		
12. Sanctioned Lease Area (in Ha.)	36.437 ha		
13. Max. & Min mrl within lease area	120.10 mRL & 114.60 mRL		
14. Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude N	Longitude E
	A	25°48'31.75"N	79°24'46.84"E
	B	25°48'31.07"N	79°25'16.26"E
	C	25°48'14.27"N	79°25'11.82"E
	D	25°48'19.52"N	79°24'46.37"E
15. Total Geological Reserves	1215810 m ³		
16. Total Mineable Reserves in LOI	728640 m ³		
17. Total Proposed Production (in five year)	36,43,200 m ³		
18. Proposed Production/year	7,28,640 m ³ /annum 13,11,522 TPA		
19. Sanctioned Period of Mine lease	5 years (08-05-2018-07.05.2023)		
20. Production of mine/day	5247 TPD		
21. Method of Mining	Opencast semi mechanized		
22. No. of working days	250		
23. Working hours/day	10		
24. No. Of workers	68		
25. No. Of vehicles movement/day	263		
26. Type of Land	Govt Land		
27. Ultimate Depth of Mining	3 m		
28. Nearest metalled road from site	SH-21		
29. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.0 KLD	
	Suppression of dust	5.0 KLD	
	Plantation	5.6 KLD	
	Others (if any)		
	Total	11.6 KLD	
30. Name of QCI Accredited Consultant with QCI No and period of validity.	P & M Solution validity=10-12-2022		
31. Any litigation pending against the project or land in any court	No		
32. Details of 500 m Cluster Map & certificate issued by	Letter No. 317/khanij-M.M.C-30-Vividh (2018-19)		

Mining Officer	dated 10-05-2018
33. Details of Lease Area in approved DSR	Page No.65, S.No. 12
34. Proposed CSR cost	RS-5,00,000/-
35. Proposed EMP cost	Capital Rs-11,00,000/- recurring cost- Rs 6,00,000/-
36. Length and breadth of Haul Road	1.75km, 6 m
37. No. of Trees to be Planted	3500 plants

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

RESOLUTION AGAINST AGENDA NO-06

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

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

20. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
21. Corporate Environmental Responsibility (CER) plan shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018.
22. 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.
23. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
24. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
25. Width of the haul road shall be more than 6 meter.
26. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

7. Sand/Morrum Mining along Yamuna River Bed in Khand No.-04, Village- Jauharpur, Banda, U.P., M/s Radhika Construction, (Leased Area- 15.0 Ha). File No 4409 proposal No. SIA/UP/MIN/ 28383/2018

The committee noted that project was earlier discussed in 411th SEAC Meeting Dated 12/07/2019 and directed the project proponent to submit following information:

“The committee discussed the matter and directed the project proponent to submit corrected Letter of Intent (LoI) issued by District Magistrate, Banda as per corrigendum of the DSR by letter no 07/parya sachi banda dated 17-08-2018.”

The project proponent submitted their replies through letter dated 09/03/2020. Hence, the matter was listed in SEAC meeting dated 15/05/2020. A presentation was made by the project proponent along with their consultant M/s P and M Solution. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Sand/Morrum Mining project on river bed of Yamuna at (Khand No. 4) Village – Jauharpur, Tehsil- Banda, District- Banda, U. P. By M/s Radhika Construction (Leased Area 15 ha)
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 383/Parya/SEAC/4409/2018 dated 22.10.2018.
3. The public hearing was organized on 22nd December 2018.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/28383/2018
2. File No. allotted by SEIAA, UP	4409
3. Name of Proponent	M/s Radhika Construction
4. Full correspondence address of proponent and mobile no.	2 nd floor, H.NO.14, Indra Nagar Colony, District-Banda, Uttar Pradesh.
5. Name of Project	Sand/Morrum Mining project on river bed of Yamuna
6. Project location (Plot/Khasra/Gata No.)	Khand No. 4
7. Name of River	Yamuna River
8. Name of Village	Jauharpur

9. Tehsil	Banda			
10. District	District Banda, Uttar Pradesh			
11. Name of Minor Mineral	Sand/Morrum Mining			
12. Sanctioned Lease Area (in Ha.)	15.0 ha			
13. Max. & Min mrl within lease area	99.90 mRL & 86.5mRL			
14. Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude N	Longitude E	
	A	25° 43' 3.54"N	80° 33' 48.12"E	
	B	25° 43' 8.46"N	80° 33' 41.28"E	
	C	25° 43' 26.58"N	80° 33' 51.36"E	
	D	25° 43' 21.12"N	80° 33' 58.26"E	
15. Total Geological Reserves	5,31,045 m ³			
16. Total Mineable Reserves in LOI	3,00,000 m ³			
17. Total Proposed Production (in five year)	15, 00, 000 m ³			
18. Proposed Production/year	3, 00, 000 m ³ /annum , 5,40,000 TPA			
19. Sanctioned Period of Mine lease	5 years			
20. Production of mine/day	2160 TPD			
21. Method of Mining	Opencast semi mechanized			
22. No. of working days	250			
23. Working hours/day	8			
24. No. Of workers	51			
25. No. Of vehicles movement/day	100			
26. Type of Land	Govt Land			
27. Ultimate Depth of Mining	3 m			
28. Nearest metalled road from site	SH-232			
29. Water Requirement	PURPOSE		REQUIREMENT (KLD)	
	Drinking		1.50 KLD	
	Suppression of dust		3.0 KLD	
	Plantation		2.0 KLD	
	Others (if any)			
	Total		6.50 KLD	
30. Name of QCI Accredited Consultant with QCI No and period of validity.	P & M Solution validity=10-12-2022			
31. Any litigation pending against the project or land in any court	No			
32. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 1304/khanij-30, Banda dated 11-06-2018			
33. Details of Lease Area in approved DSR	Page No.60-66, Table No. 2			
34. Proposed CSR cost	RS-2,00,000/-			
35. Proposed EMP cost	Capital Rs-3,85,000/- recurring cost- Rs 7,17,500/-			
36. Length and breadth of Haul Road	0.51km, 6 m			
37. No. of Trees to be Planted	375 plants			

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

RESOLUTION AGAINST AGENDA NO-07

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

1. Environment management in according to environmental status and impact of the project.
2. Selection of plants for green belt should be on the basis of pollution removal index.
3. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
4. Pakka motorable haul road to be maintained by the project proponent.
5. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
6. Permission from the competent authority regarding evacuation route should be taken.
7. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
8. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
9. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
10. Provision for cylinder to workers should be made for cooking.
11. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
12. Provide suitable mask to the workers.
13. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
14. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
15. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
16. Provision for two toilets and hand pumps should be made at mining site.
17. Drinking water for workers would be provided by tankers.
18. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
19. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
20. Corporate Environmental Responsibility (CER) plan shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018.
21. 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.
22. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
23. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
24. Width of the haul road shall be more than 6 meter.
25. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

8. Sand/Morrum Mining from Ken Riverbed at Khand No.-10/27 to 10/28, Village- Kataaiya, Tehsil-Chail, Kaushambi., M/s K.K. Associates Area-24.28 Ha File no 4535/proposal No. SIA/UP/MIN/ 29538/2018

RESOLUTION AGAINST AGENDA NO-08

The committee noted that the matter was earlier discussed in 442nd SEAC meeting dated 06/01/2020 and the committee recommended to grant the environmental clearance alongwith general and specific conditions. After the recommendation of SEAC, the matter was listed in 280th SEIAA meeting dated 11/05/2019 and the SEIAA directed is as follows:

“SEIAA gone through the comments of SEAC and noted that the various dated mentioned in the minutes are not correct as public hearing is being sure after 9.5 months grant of ToR. SEIAA also noted that application for EC and EIA has been submitted before recommendation of ToR and SEAC has not mentioned in the minutes whether all the points of ToR has been addressed in the EIA submitted or not and whether the project has been appraised in that light. Hence SEIAA opined that the project shall be refer back to SEAC for complete recommendation.”

As per the direction of SEIAA, the matter was listed in 463rd SEAC meeting dated 15/05/2020. The committee had gone through the file and found that the project details mentioned in SEAC meeting dated 06/01/2020 was wrongly but inadvertently put in the same. The committee discussed the matter and directed to replace the contents mentioned in SEAC meeting dated 06/01/2020 is as follows:

Details mentioned in SEAC meeting dated 06/01/2020	Corrected Details
<p>The project proponent applied for grant of TOR on 19/06/2018. The application was accepted on 12/07/2018. The TOR case was first time listed in SEAC meeting dated 29/08/2018. Finally the TOR was granted on 12/12/2018. Public hearing was conducted on 24/09/2019.</p> <p>In this matter the public hearing was conducted after 73 days of acceptance of TOR application but before of TOR granted. As per consultation written version, a TOR is deemed approved after 30 days of acceptance of TOR application as per MoEF&CC Notification dated 10/04/2015.</p>	<p>The project proponent applied for grant of TOR on 19/06/2018. The application was accepted on 12/07/2018. The TOR case was first time listed in SEAC meeting dated 29/08/2018. Finally the TOR was granted on 12/12/2018. Public hearing was conducted on 24/09/2018.</p> <p>In this matter the public hearing was conducted after 73 days of acceptance of TOR application but before of TOR granted. As per consultant written version, a TOR is deemed approved after 30 days of acceptance of TOR application as per MoEF&CC Notification dated 10/04/2015.</p>

The committee again recommended to grant the environmental clearance as per the project details mentioned in SEAC meeting dated 06/01/2020 alongwith general and specific conditions earlier mentioned in SEAC meeting dated 06/01/2020.

9. Sand Mining at Gata No. 621ma, 622ma Village -Mandawar-3, Tehsil-Kairana, District – Shamli, M/s Shiva Buildtech Pvt Ltd.,Lease area - 20.34 ha File no 4468 proposal No. SIA/UP/MIN/ 28888/2018

The committee noted that the matter was earlier discussed in 423rd SEAC meeting dated 09/10/2019 and directed the project proponent to submit permission letter from the competent authority regarding construction of temporary bridge for the transportation of the sand (minor mineral). The project proponent through letter dated 27/01/2020 has submitted the replies and requested the matter in upcoming SEAC Meeting. Hence, the matter was listed in SEAC meeting dated 15/05/2020.

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

1. The environmental clearance is sought for Mandawar-3 Sand/ Morrum Mining at Gata No. 621ma, 622ma Village -Mandawar-3, Tehsil- Kairana, District –Shamli, U.P. , Proponent-Shri Ashok Jain (Leased Area 20.34 0 ha.)
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 739/Parya/SEAC/4468/2018 dated 09.03.019.
3. The public hearing was organized on 20/07/2019. Final EIA report submitted on 27/09/2019.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/28888/2018		
2. File No. allotted by SEIAA, UP	4468		
3. Name of Proponent	Ashok Jain (Authorized Signatory) M/s Shiva Build Tech Pvt. Ltd.		
4. Full correspondence address of proponent and mobile no.	419, Aapka bazar gurgaon, Harayana.		
5. Name of Project	Mandawar – 3 (Area 20.34 ha sand/morrum mine) on Yamuna river		
6. Project location (Plot/Khasra/Gata No.)	Gata no: 621ma, 622ma Village – Mandawar -3, Tehsil – Kairana, District – Shamli of State- Uttar Pradesh.		
7. Name of River	Yamuna River		
8. Name of Village	Mandawar - 3		
9. Tehsil	Kairana		
10. District	Shamli		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	20.34 Hectares		
13. Mineable Area (in Ha.)	19.9702 Ha.		
14. Zero level mRL	231 m		
15. Max. & Min mrl within lease area	236 mRL – 232 mRL		
16. Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area Co-ordinates (20.34 Ha)		
	Point	Latitude	Longitude
	A	29°27'21.79"N	77° 8'15.08"E
	B	29°26'57.48"N	77° 8'13.42"E
	C	29°26'57.59"N	77° 8'17.59"E
	D	29°26'58.67"N	77° 8'25.16"E
	Total Workable Area (19.9702 Ha)		
	Block No. 1 (19.5595 Ha)		
	B	29°26'57.48"N	77°8'13.42"E
	C	29°26'57.65"N	77° 8'03.35"E
	D	29°27'21.67"N	77° 8'04.79"E
	E	29°27'21.56"N	77° 8'10.54"E
	F	29°27'17.69"N	77° 8'14.96"E
	Block No. 2 (0.4107 Ha)		
	A	29°27'21.79"N	77°8'15.08"E
	G	29°27'19.03"N	77°8'15.13"E
	H	29°27'21.62"N	77°8'13.28"E
	Total Submerged Area (0.3698 Ha)		
	E	29°27'21.56"N	77° 8'10.54"E
	F	29°27'17.69"N	77° 8'14.96"E
	G	29°27'19.03"N	77°8'15.13"E

	H	29°27'21.62"N	77°8'13.28"E
18. Total Geological Reserves	5,99,106 m ³		
19. Total Mineable Reserves in LOI	2,03,400 m ³		
20. Total Proposed Production	10,17,000 m ³		
21. Proposed Production/year	2,03,400 m ³ /Year		
22. Sanctioned Period of Mine lease	5 Years		
23. Production of mine/day	814 m ³ /Day		
24. Method of Mining	Opencast Semi-mechanized mining		
25. No. of working days	250 days/ Year		
26. Working hours/day	12 Hours		
27. No. Of workers	60		
28. No. Of vehicles movement/day	82		
29. Type of Land	Govt. Land		
30. Ultimate Depth of Mining	1.25 m		
31. Nearest metallad road from site	515 m		
32. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.60	
	Suppression of dust	2.47	
	Plantation	7.34	
	Others (if any)	-	
	Total	10.71	
33. Name of QCI Accredited Consultant with QCI No. and period of validity.	GreencIndia Consulting Pvt Ltd. NABET/EIA/1922/RA 0159 valid till 27/10/2022		
34. Any litigation pending against the project or land in any court	No		
35. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No. - 2072 / Kha. Vi.2018, Dated: 23 rd July, 2018.		
36. Details of Lease Area in approved DSR	20.34 Hectares as per Shuddhi Patra Letter No.-2113/kha. Vi.-2018 dated 2/8/2018		
37. Proposed CER Cost	Rs 1,88,000/-		
38. Proposed EMP Cost	Rs 11.06 lacs per annum		
39. Length and breadth of Haul Road	Length 2127 m, Width 6.0 m passing from Rana Majra, Panipath, Harayana		
40. No. of Trees to be planted	477 Plants		

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

RESOLUTION AGAINST AGENDA NO-09

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

1. Environment management in according to environmental status and impact of the project.
2. Selection of plants for green belt should be on the basis of pollution removal index.
3. No mining activity should be carried out in-stream channel as per SSMMG, 2016.

4. Pakka motorable haul road to be maintained by the project proponent.
 5. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
 6. Permission from the competent authority regarding evacuation route should be taken.
 7. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
 8. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
 9. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
 10. Provision for cylinder to workers should be made for cooking.
 11. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
 12. Provide suitable mask to the workers.
 13. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
 14. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
 15. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
 16. Provision for two toilets and hand pumps should be made at mining site.
 17. Drinking water for workers would be provided by tankers.
 18. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
 19. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
 20. Corporate Environmental Responsibility (CER) plan shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018.
 21. 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.
 22. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
 23. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
 24. Width of the haul road shall be more than 6 meter.
 25. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
- 10. Sand/Morrum Mining at Yamuna River Bed at Khand No.- 15/45 to 15/46, Village- Mahewa, Tehsil-Manjhanpur,Kaushambi., M/s Bharat Earth Movers, Sanctioned Lease Area: 24.28 ha, Effective Area- 18.88 ha (46.65) File no 5260 proposal No. SIA/UP/MIN/ 46101/2019**

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

11. Sand Mining from Yamuna River Bed at Khand No.- 10/29, Village- Beri, - Hamirpur, U.P., M/s A.P.M. Mining And Infra Pvt. Ltd Area: 12.145 ha. File no 5293 proposal No. SIA/UP/MIN/ 47645/2019

The Terms of Reference in the matter were already issued by SEIAA, U.P. vide letter no. 763/Parya/SEIAA/5293/2019 dated 19.03.2019.

12. Sand Mining (Khand No.-Part of 50,52/1,53,54,55, 56, 57, 58, 59 & 60/1/3 Village- Sadimadanpur, Pailani, Banda. M/s Esteem Infrbuild Pvt. Ltd., Area- 28.33 ha. File no 4578 proposal No. SIA/UP/MIN/ 29998/2018

The committee noted that the matter was earlier discussed in 442nd SEAC meeting dated 06/01/2020 and directed the project proponent to submit raw data of test reports including free silica in area sample and information related to ecology. The project proponent through letter dated 17/02/2020 has submitted the replies and requested the matter in upcoming SEAC Meeting. Hence, the matter was listed in SEAC meeting dated 15/05/2020.

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

1. The environmental clearance is sought for Sadimadanpur Sand/ Morrum Mining at Gata No. Part of 50,52/1,53,54,55, 56, 57, 58, 59 & 60/1/3 Village -Sadimadanpur, Tehsil-Pailani, District – Banda, U.P. , Proponent-Shri Satish Kumar Gupta (Leased Area 28.330 ha.)
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 672/Parya/SEAC/4578/2017 dated 07.02.2019.
3. The public hearing was organized on 09/09/2019. Final EIA report submitted on 06/12/2019.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/29998/2018		
2. File No. allotted by SEIAA, UP	4578		
3. Name of Proponent	Shri Satish Kumar Gupta (Authorized Signatory)		
4. Full correspondence address of proponent and mobile no.	M/s Esteem Infra Build Pvt. Ltd. R/o-315 Nemi Nagar Extension, Vaishali Nagar, Jaipur-303021		
5. Name of Project	Sadimadanpur (area 28.33 ha sand/morrum mine) on Yamuna river		
6. Project location (Plot/Khasra/Gata No.)	Gata No Part of 50, 52/1, 53, 54, 55, 56, 57, 58, 59 & 60/1/3 , Village - Sadimadanpur; Tehsil – Pailani, District -Banda of Uttar Pradesh.		
7. Name of River	Yamuna River		
8. Name of Village	Sadimadanpur		
9. Tehsil	Pailani		
10. District	Banda		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	28.33 Hectares		
13. Mineable Area (in Ha.)	25.282 Ha.		
14. Zero level mRL	88 m		
15. Max. & Min mrl within lease area	94.90mRL-90.0 mRL.		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	25° 46' 42.71" N	80° 34' 04.43" E

	B	25° 46' 56.45” N	80° 34' 13.55” E
	C	25° 46' 52.27” N	80° 34' 18.86” E
	D	25° 46' 54.55” N	80° 34' 23.58” E
	E	25° 46' 40.16” N	80° 34' 29.79” E
17.	F	25° 46' 39.80” N	80° 34' 28.54” E
	G	25° 46' 40.94” N	80° 34' 27.99” E
	H	25° 46' 40.91” N	80° 34' 27.67” E
	I	25° 46' 41.28” N	80° 34' 27.40” E
	J	25° 46' 40.80” N	80° 34' 25.89” E
	K	25° 46' 40.04” N	80° 34' 26.16” E
	L	25° 46' 33.56” N	80° 34' 14.26” E
18. Total Geological Reserves	9,57,290 m ³		
19. Total Mineable Reserves in LOI	5,66,600 m ³		
20. Total Proposed Production	28,33,000 m ³ (for 5 years)		
21. Proposed Production/year	5,66,600 m ³ /Year		
22. Sanctioned Period of Mine lease	5 Years		
23. Production of mine/day	2266.4 m ³ /Day		
24. Method of Mining	Opencast Semi-mechanized mining		
25. No. of working days	250 days/ Year		
26. Working hours/day	12 Hours		
27. No. Of workers	78		
28. No. Of vehicles movement/day	252		
29. Type of Land	Govt. Land		
30. Ultimate Depth of Mining	2.31 m		
31. Nearest metalled road from site	220 m		
32. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.78	
	Suppression of dust	1.05	
	Plantation	5.70	
	Others (if any)	-	
	Total	7.53	
33. Name of QCI Accredited Consultant with QCI No	GreencIndia Consulting Pvt Ltd.		
34. and period of validity.	NABET/EIA/1922/ RA 0159 valid till 27/10/2022		
35. Any litigation pending against the project or land in any court	No		
36. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No. - 773/khanij-30, Banda Dated – 02, November, 2018		
37. Details of Lease Area in approved DSR	Page – 66, Sl. No – 87		
38. Proposed CER Cost	Rs 2,83,710/-		
39. Proposed EMP Cost	Capital – Rs. 4,84,800/- ; Recurring – 1,42,800/-		
40. Length and breadth of Haul Road	Length 220 m, Width 6.0 m		
41. No. of Trees to be planted	356 Plants		

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

9. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-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. Environment management in according to environmental status and impact of the project.
2. Selection of plants for green belt should be on the basis of pollution removal index.
3. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
4. Pakka motorable haul road to be maintained by the project proponent.
5. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
6. Permission from the competent authority regarding evacuation route should be taken.
7. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
8. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.
9. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
10. Provision for cylinder to workers should be made for cooking.
11. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
12. Provide suitable mask to the workers.
13. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
14. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
15. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
16. Provision for two toilets and hand pumps should be made at mining site.
17. Drinking water for workers would be provided by tankers.
18. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
19. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
20. Corporate Environmental Responsibility (CER) plan shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018.
21. 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.
22. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
23. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
24. Width of the haul road shall be more than 6 meter.
25. Submit annual replenishment report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

13. Sand/Morrum Mining (Gata No.- Part of 333/7, Khand No.-02) Village-Marauli Khandar, Tehsil & District- Banda, U.P. M/s Sahu Electricals Store., Area- 22.00 ha File no 4906 proposal No. SIA/UP/MIN/ 37803/2019

The committee noted that the matter was earlier discussed in 442nd SEAC meeting dated 06/01/2020 and directed the project proponent to submit Revised EMP, raw data of test reports including free silica in area sample and name of authorized signatory alongwith designation in report. The project proponent through letter dated 17/02/2020 has submitted the replies and requested the matter in upcoming SEAC Meeting. Hence, the matter was listed in SEAC meeting dated 15/05/2020.

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

1. The environmental clearance is sought for Marauli Khandar Sand/ Morrum Mining at Gata Part of 333/7, Khand No.-02, Village - Marauli Khandar, Tehsil-Banda, District – Banda, U.P. , Proponent-Shri Manish Sahu (Leased Area 22.00 ha.)
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 233/Parya/SEAC/4906/2019 dated 21.08.2019.
3. The public hearing was organized on 08.11.2019. Final EIA report submitted on 24/12/2019.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/37803/2019		
2. File No. allotted by SEIAA, UP	4906		
3. Name of Proponent	Sri. Manish Sahu (Authorized Signatory)		
4. Full correspondence address of proponent and mobile no.	Sahu Electricals Store R/o-Badihat Mahoba, Tehsil and District- Mahoba, Pin code: 210427		
5. Name of Project	Marauli Khadar (Area 22.00 ha sand/morrum mine) on Ken river		
6. Project location (Plot/Khasra/Gata No.)	Gata No – Part of 333/7, Khand-02, Village - Marauli Khadar, Tehsil – Banda, District -Banda of Uttar Pradesh.		
7. Name of River	Ken River		
8. Name of Village	Marauli Khadar		
9. Tehsil	Banda		
10. District	Banda		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	20.00 Hectares		
13. Mineable Area (in Ha.)	20.70 Ha.		
14. Zero level Mrl	90 m		
15. Max. & Min mrl within lease area	106 mRL-94 mRL.		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	A	25°33'48.26"N	80°17'39.15"E
	B	25°33'34.35"N	80°17'41.24"E
	C	25°33'32.88"N	80°17'51.16"E
	D	25°33'32.53"N	80°17'55.97"E
	E	25°33'33.38"N	80°18'00.14"E
	F	25°33'52.19"N	80°17'45.70"E
17. Total Geological Reserves	8,80,000 m ³		
18. Total Mineable Reserves in LOI	4,40,000 m ³		
19. Total Proposed Production	22,00,000 m ³ (in five years)		
20. Proposed Production/year	4,40,000 m ³ /Year		
21. Sanctioned Period of Mine lease	5 Years		

22. Production of mine/day	1760 m ³ /Day	
23. Method of Mining	Opencast Semi-mechanized mining	
24. No. of working days	250 days/ Year	
25. Working hours/day	12 Hours	
26. No. Of workers	118	
27. No. Of vehicles movement/day	196	
28. Type of Land	Govt. Land	
29. Ultimate Depth of Mining	2.50 m	
30. Nearest metalled road from site	350 m	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	1.18
	Suppression of dust	1.68
	Plantation	3.04
	Others (if any)	-
	Total	5.90
32. Name of QCI Accredited Consultant with QCI No	GreencIndia Consulting Pvt. Ltd. NABET/EIA/1922/RA	
33. and period of validity.	0159 valid till 27/10/2022	
34. Any litigation pending against the project or land in any court	No	
35. Details of 500 m Cluster Map & certificate verified by Mining Officer	4304/khanij-30, Banda dated 02 nd April, 2019	
36. Details of Lease Area in approved DSR	Sl. No. 06, Shuddhi Patra – 12/Parya. Sachi. Banda Dated – 28-Feb-2019	
37. Proposed CER Cost	Rs. 2,70,392/-	
38. Proposed EMP Cost	Capital – 3,52,000/- ; Recurring – 2,13,000/-	
39. Length and breadth of Haul Road	Length 350 m, Width 6.0 m	
40. No. of Trees to be planted	190 Trees	

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

RESOLUTION AGAINST AGENDA NO-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. Environment management in according to environmental status and impact of the project.
2. Selection of plants for green belt should be on the basis of pollution removal index.
3. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
4. Pakka motorable haul road to be maintained by the project proponent.
5. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
6. Permission from the competent authority regarding evacuation route should be taken.
7. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
8. Site Pit photographs should be submitted with date, time and point-coordinate within 15 days.

9. One month monitoring report of the area for air quality, water quality, Noise level. Besides flora & fauna should be examined twice a week and be submitted within 45 days for a record.
 10. Provision for cylinder to workers should be made for cooking.
 11. The capacity of trucks/tractor for loading purpose will be in tonnes as per Transport Department applicable norms and standard fixed by the Government.
 12. Provide suitable mask to the workers.
 13. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road.
 14. Indigenous plants should be planted according to CPCB guidelines and in consultation with local Divisional Forest Officer.
 15. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer.
 16. Provision for two toilets and hand pumps should be made at mining site.
 17. Drinking water for workers would be provided by tankers.
 18. Mining should be done by Bar scalping methods extraction (typically 0.3 -0.6 m or 1 - 2 ft) as per sustainable sand mining management guidelines 2016.
 19. A buffer/safe zone shall be maintained from the habitation as per mining guidelines.
 20. Corporate Environmental Responsibility (CER) plan shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018.
 21. 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.
 22. Measure for conservation of water through rainwater harvesting and cleaning and maintenance of natural surface water bodies of the nearby areas may be considered as one of the activity in CER.
 23. The excavated mining material should be carried and transported in such a way that no obstruction to the free flow of water takes place. Suitable measure should be taken and details to be provided to concern Department.
 24. Width of the haul road shall be more than 6 meter.
 25. 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.
- 14. Sand/Morrum Mining at Khasra No.-177,178Mi,176,160,159A,162,161,158, 157Mi, 156,155,163Mi,154,148,146,147,145,144,143,138,142,141,139Mi,140Mi, 129, Village-Gadhiwa Majhigawan, Khaga, Fatehpur., Shri Daljeet Singh, Area: 34.00 ha File no 4235 proposal No. SIA/UP/MIN/ 25595/2018**

The committee noted that project was earlier discussed in 452nd SEAC Meeting Dated 05/02/2020 and following observations were raised.

“The committee discussed the matter and observed that there is a gata mismatch between DSR and LoI submitted by the project proponent. The committee directed the project proponent to submit corrected documents of DSR and LoI. The committee also directed the project proponent to submit revised EMP”

The project proponent submitted their replies through letter dated 05/03/2020. Hence, the matter was listed in SEAC meeting dated 15/05/2020. A presentation was made by the project proponent along with their consultant M/s P and M Solution. The proponent, through the documents submitted and the presentation made,

informed the committee that:-

1. The environmental clearance is sought for Gadhiwa majhigawan Sand/Morrum Mining project on river bed of Yamuna at Village- Gadhiwa majhigawan, Tehsil-Khaga, District-Fatehpur , Uttar-Pradesh. By Shri Daljeet Singh (Leased Area 34.0 ha)
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 335/parya/SEAC/4235/2017 dated 20th August, 2018.
3. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/25595/2018		
2. File No. allotted by SEIAA, UP	4235		
3. Name of Proponent	Shri Daljeet Singh		
4. Full correspondence address of proponent and mobile no.	R/o-Amlikaur, Kaalu Kuwan, City, District-Banda (U.P.)		
5. Name of Project	Gadhiwa majhigawan Sand/Morrum Mining project on river bed of Yamuna		
6. Project location (Plot/Khasra/Gata No.)	gata no. 177, 178Mi, 176, 160, 159, 162, 161, 158, 157Mi, 156, 155, 163Mi, 154, 148, 146, 147, 145, 144, 143, 138, 142, 141, 139Mi, 140Mi, 129		
7. Name of River	Yamuna River		
8. Name of Village	Gadhiwa majhigawan		
9. Tehsil	Khaga		
10. District	District Fatehpur, Uttar Pradesh		
11. Name of Minor Mineral	Sand/Morrum Mining		
12. Sanctioned Lease Area (in Ha.)	34.0 ha		
13. Max. & Min mrl within lease area	88.0 mRL & 83.0 mRL		
14. Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude N	Longitude E
	A	25° 38.307'	80° 57.014'
	B	25° 37.8136'	80° 57.0468'
	C	25° 37.714'	80° 56.784'
	D	25° 38.290'	80° 56.931'
15. Total Geological Reserves	932950m ³		
16. Total Mineable Reserves in LOI	5,10,000 m ³ /annum		
17. Total Proposed Production (in five year)	2550000m ³		
18. Proposed Production/year	5,10,000 m ³ /annum 9,18,000 TPA		
19. Sanctioned Period of Mine lease	5 years (04-04-2018-03.04.2023)		
20. Production of mine/day	3672 TPD		
21. Method of Mining	Opencast Semi mechanized		
22. No. of working days	250		
23. Working hours/day	8		
24. No. Of workers	83		
25. No. Of vehicles movement/day	184		
26. Type of Land	Govt Land		
27. Ultimate Depth of Mining	3 m		
28. Nearest metallad road from site	SH-71		
29. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	1.0 KLD	
	Suppression of dust	7.0 KLD	
	Plantation	1.0 KLD	
	Others (if any)		
	Total	9.0 KLD	

30. Name of QCI Accredited Consultant with QCI No and period of validity.	P & M Solution validity=10-12-2022
31. Any litigation pending against the project or land in any court	No
32. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 507/30-khanij (2018-19) dated 25-04-2018
33. Details of Lease Area in approved DSR	Page No.34, Table No. 7
34. Proposed CSR cost	RS-5,50,000/-
35. Proposed EMP cost	Capital Rs-10,00,000/- recurring cost- Rs 6,00,000/-
36. Length and breadth of Haul Road	1150m, 6 m
37. No. of Trees to be Planted	1100 plants

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

RESOLUTION AGAINST AGENDA NO-14

The committee noted that a letter from Mining officer, Fatehpur dated 29/02/2020 for rectification of typographical error in LOI has been received in the office. The committee discussed the letter dated 29/02/2020 of Mining officer, Fatehpur and opined that Mining officer cannot make any change in LOI. Any change in LOI can only be done by the District Magistrate.

Hence committee discussed the matter and noted that the query regarding LOI has not been resolved by the project proponent. The committee directed the project proponent to submit reply regarding the gata mismatch between DSR and LoI for further consideration.

15. Silica Sand Mining at Arzi No.02, Village- Lakhnauti, Tehsil- Bara, District- Allahabad, U.P. M/s Chawla Silica Sand Trading Company, (Area - 16.75 Ha) File no 5327 proposal No. SIA/UP/MIN/48508/2019

A presentation was made by the project proponent through video/tele-conferencing/ email in view of the Corona Virus Disease (Covid-19) along with their consultant Ind Tech House Consult. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The Environmental Clearance in the matter were issued by SEIAA, U.P. vide letter no. 705/Parya/SEAC/4608/2018 dated 02/03/ 2019 in category B2, having File No. 4608, Proposal no. SIA/UP/MIN/88701/2018
2. In later, the EC has revoked by the SEAC through the letter no. 366/Parya/SEAC/4608/2018 dated 19-09-2019 in compliance of the MoEF&CC,GoI, OM dated 12-12-2018.
3. In compliance of the MoEF&CC,GoI, OM dated 12-12-2018, the Project Proponent M/s. Chawla Silica Sand Trading Company has submitted a proposal under B1 category to obtain the TOR for the preparation of EIA Report for Silica Sand Mining at Arzi No.02, Village- Lakhnauti, Tehsil- Bara, District- Allahabad, U.P. M/s Chawla Silica Sand Trading Company, (Area - 16.75 Ha)
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/48508/2019			
2. File no. allotted by SEIAA, UP	5327			
3. Name of Proponent	M/s Chawla Silica Sand Trading Company			
4. Full correspondence address of proponent	R/o -42- S.C. Basu Road, Prayaraj (U.P.)			
5. Name of Project	Lakhnauti Silica Sand Mine (Minor mineral)			
6. Project location (Plot/Khasra/Gata No.)	Arazi No. 02			
7. Name of Village	Lakhnauti			
9. Tehsil	Bara			
10. District	Prayagraj			
11. Name of Minor Mineral	Silica Sand mine			
12. Sanctioned Lease Area (in Ha.)	16.75 Ha			
13. Mineable Area (in Ha.)	16.75 Ha			
15. Max. & Min mrl within lease area	Highest: 138.70mRL & Lowest: 125.50mRL			
16. Pillar Coordinates (Verified by DMO)	Pillar No	N	E	
	A	25°14' 42.80"	81°33' 40.69"	
	B	25°14' 51.68"	81°33' 41.64"	
	C	25°14' 52.24"	81°33' 38.79"	
	D	25°15' 3.98"	81°33' 36.13"	
	E	25°15' 3.95"	81°33' 27.62"	
	F	25°14' 53.10"	81°33' 35.51"	
	G	25°14' 49.33"	81°33' 28.42"	
	H	25°14' 43.21"	81°33' 32.52"	
	I	25°14' 42.69"	81°33' 28.25"	

		J	25 ⁰ 14’ 37.98”	81 ⁰ 33’32.70”
17. Total Geological Reserves	43,17,140 MT			
18. Total Mineable Reserves	43,17,140 MT			
19. Total Proposed Production (in two years)	300000 MT			
20. Proposed Production/year	150000 MT/Year			
21. Sanctioned Period of Mine lease	30 Years			
22. Production of mine/day	500 T/day at the end of fifth Year			
23. Method of Mining	Opencast Semi-mechanized Method			
24. No. of Working days	300 Days			
25. Working hours/day	8 hours/day			
26. No. Of Workers	93 Manpower			
27. No. Of vehicles movement/day	50 Units (Assumed Loading Capacity: 10 Tonnes/Unit)			
28. Type of Land	State Government Land			
29. Ultimate Depth of Mining	3 m			
30. Nearest metalled road from site	Bargari Link Road, 2.6 Km SE			
31. Water Requirement	PURPOSE		REQUIREMENT (KLD)	
	Drinking		1.4	
	Suppression of dust		1	
	Plantation/ Land reclamation		15.6	
	Washing Plant		07.0	
	Total		25 KLD	
32. Name of QCI Accredited Consultant with QCI No and period of validity.	GLOBUS ENVIRONMENT ENGINEERING SERVICES Certificate No. NABET/EIA/1821/IA0034, Valid Till April 03/2021			
33. Any litigation pending against the project or hand in any court	No			
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	1859/खनन/पर्या/2018-19, Dated: 24/12/2018			
35. Details of Lease Area in approved DSR				
36 Proposed Project cost	Rs. 1.59 Crores			
37. Proposed CER cost	Rs. 8.0 Lakhs			
38. Proposed EMP cost	Rs. 5 Lakhs			
39. Length and breadth of Haul Road	Haul Road Length 2.6 km & Haul Road Width 6 m			
40. No. of Trees to be Planted	410 trees (205 Trees per year)			

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

fragile zone such as habitat of any wild fauna.

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

RESOLUTION AGAINST AGENDA NO-15

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

(Dr. Virendra Misra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Dr. Ranjeet Kumar Dalela)
Member

(Shri Meraj Uddin)
Member

(Dr. Ajoy Mandal)
Member

(Shri Rajiv Kumar)
Member

(Prof. S.K. Upadhyay)
Member

(Dr. Sarita Sinha)
Member

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

Annexure-1

GENERAL CONDITIONS PRESCRIBED BY SEIAA/SEAC, UP FOR SAND/MORUM MINING PROPOSALS

General Conditions:

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any change in mining area, khasra numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended).
4. Precise mining area will be jointly demarcated at site by project proponent and officials of Mining/Revenue department prior to starting of mining operations. Such site plan, duly verified by competent authority along-with copy of the Environmental Clearance letter will be displayed on a hoarding/board at the site. A copy of site plan will also be submitted to SEIAA within a period of 02 months.
5. Mining and loading shall be done only within day hours time.
6. No mining shall be carried out in the safety zone of any bridge and/or embankment.
7. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
8. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
9. Parking of vehicles should not be made on public places.
10. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
11. No wildlife habitat will be infringed.
12. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
13. It shall be ensured that mining operation of Sand/Moram will not in any way disturb the, velocity and flow pattern of the river water significantly.
14. It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting. A report on the same, vetted by the competent authority shall be submitted to the RO, PCB and SEIAA within 02 months.
15. Primary survey of flora and fauna shall be carried out and data shall be submitted to the RO, PCB and SEIAA within six months.
16. Hydro-geological study shall be carried out by a reputed organization/institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, PCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
17. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, UPPCB and SEIAA and this activity should be completed before the start of sand mining.
18. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects/tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.

19. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
20. Separate stock piles shall be maintained for excavated top soil, if any, and the top soil should be utilized for green cover/tree plantation.
21. Dispensary facilities for first-aid shall be provided at site.
22. An Environmental Audit should be annually carried out during the operational phase and submitted to the SEIAA.
23. The District Mining Officer should quarterly monitor compliance of the stipulated conditions. The project proponent will extend full cooperation to the District Mining Officer by furnishing the requisite data/information/monitoring reports. In case of any violations of stipulated conditions the District Mining Officer will report to SEIAA.
24. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard & soft copies) to the SEIAA, the District Officer and the respective Regional Office of the State Pollution Control Board by 1st June and 1st December every year.
25. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation and Urban Local Body.
26. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
27. Waste water, from temporary habitation campus be properly collected & treated before discharging into water bodies the treated effluent should conform to the standards prescribed by MoEF/CPCB.
28. Measures shall be taken for control of noise level to the limits prescribed by C.P.C.B.
29. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities. Maintenance of Village roads through which transportation of minor minerals is to be undertaken, shall be carried-out by the project proponent regularly at his own expenses.
30. Measure for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried-out with geo textile matting or other suitable material.
31. Under corporate social responsibility a sum of 5% of the total project cost or total income whichever is higher is to be earmarked for total lease period. Its budget is to be separately maintained. CER component shall be prepared based on need of local habitant. Income generating measures which can help in upliftment of poor section of society, consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards, free distribution of smokeless Chula etc.
32. Possibility for adopting nearest three villages shall be explored and details of civic amenities such as roads, drinking water etc proposed to be provided at the project proponent's expenses shall be submitted within 02 months from the date of issuance of Environment Clearance.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow, SEIAA, U.P and UPPCB.
34. Action plan with respect to suggestion/improvement and recommendations made and agreed during Public Hearing shall be submitted to the District mines Officer, concern Regional Officer of UPPCB and SEIAA within 02 months.
35. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required

safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.

37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

Annexure-2

Specific Conditions for Sand Moram Mining :-

1. The project proponent shall ensure that if the project area falls within the eco-sensitive zone of National park/ Sanctuary prior permission of statutory committee of National board for wild life under the provision of Wildlife (Protection) Act, 1972 shall be obtained before commencement of work.
2. If in future this lease area becomes part of cluster of equal to or more than 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
3. The Environmental clearance will be co-terminus with the mining lease period.
4. Project falling within in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
5. To avoid ponding effect and adverse environmental conditions for sand mining in area, progressive mining should be done as per sustainable sand mining management guidelines 2016.
6. Geo coordinates should be verified by Director, DGM/District Magistrate/Regional Mining Officer/NHAI and should be submitted to SEIAA/SEAC, Secretariat as earliest.
7. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 25ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.
8. The project proponent shall in 2 years conduct detailed replenishment study duly authenticated by a QCI-NABET accredited consultant, and the District Mines Officer which shall form the basis for midterm review of conditions of Environmental Clearance.
9. The mining work will be open-cast and manual/semi mechanized (subject to order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
10. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
12. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
13. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
14. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
15. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
16. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
17. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
18. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.

19. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
20. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
21. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
22. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
23. Green area/belt to be developed along haulage road in consultation of Gram Sabha/Panchyat.
24. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
25. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, SEIAA, U.P. and UPPCB.
26. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal. The clearance letter shall also be put on the website of the company.
27. State Pollution Control Board shall display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/Tehsildar's Office for 30 days.
28. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Regional Office of the Ministry located in Lucknow, CPCB, State PCB.
29. The MoEF/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
30. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
31. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
32. Waste water from potable use be collected and reused for sprinkling.
33. During the school opening and closing time vehicle movement will be restricted.
34. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.

Annexure-3

Terms of Reference for the Mining Project

- 1) Certified compliance report should be submitted at the time of EIA presentation.
- 2) Latest Site Pit photographs (May-June, 2020) should be submitted with date and time.
- 3) Copy of original lease map.
- 4) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
- 5) A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be given.
- 6) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
- 7) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 8) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 9) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
- 10) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report.
- 11) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
- 12) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
- 13) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
- 14) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area,

- distance from mine lease, its land use, R&R issues, if any, should be given.
- 15) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
 - 16) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
 - 17) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
 - 18) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
 - 19) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
 - 20) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site 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, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
 - 21) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
 - 22) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
 - 23) Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).
 - 24) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes

prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.

- 25) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)] primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. 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.
- 26) 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 vehicles 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 roses showing pre-dominant wind direction may also be indicated on the map.
- 27) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
- 28) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 29) Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
- 30) 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.
- 31) 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. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
- 32) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
- 33) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
- 34) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of 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. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species

which are tolerant to pollution.

- 35) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
- 36) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 37) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
- 38) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
- 39) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
- 40) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 41) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 42) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
- 43) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 44) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 45) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 46) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
- 47) Besides the above, the below mentioned general points are also to be followed:-
 - a) Executive Summary of the EIA/EMP Report
 - b) All documents to be properly referenced with index and continuous page numbering.
 - c) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
 - d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
 - e) Where the documents provided are in a language other than English, an English translation should be provided.

- f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
- g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
- h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
- i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
- j) The EIA report should also include: (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.