

Minutes of 731st SEAC-2 Meeting Dated 21/02/2023

The 731st meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 21/02/2023. Following members participated in the meeting:

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|----|-----------------------------|-----------------------------|
| 1. | Dr. Harikesh Bahadur Singh, | Chairman, SEAC-2 |
| 2. | Dr. Amrit Lal Haldar, | Member, SEAC-2 |
| 3. | Dr. Dineshwar Prasad Singh, | Member, SEAC-2 (through VC) |
| 4. | Shri Tansar Ullah Khan, | Member, SEAC-2 |
| 5. | Prof. Jaswant Singh, | Member, SEAC-2 |
| 6. | Shri Ashish Tiwari, | Member Secretary, SEAC-2 |

The Chairman welcomed the members to the 731st SEAC-2 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-2 informed the committee that the agenda has been approved by the Member Secretary, SEAC-2/Director, Environment. Nodal Officer, SEAC-2 placed the agenda items along with the available file and documents before the SEAC-2.

1. Ordinary sand mining from river bed of Ganga, at Khand No. 22, Village – Devrakh/Chhatnag, Tehsil- Karchhana, District- Prayagraj, Shri Vikash Singh, M/s Sarita Construction Company, Area-5.0 ha., File No. 7538/ Proposal No.SIA/UP/MIN/414402/2023

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and development. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Ordinary sand mining from river bed of Ganga at Khand No. 22, Village –Devrakh/Chhatnag, Tehsil- Karchhana, District- Prayagraj, Uttar Pradesh (Leased Area-5.0 ha), M/s Sarita Construction Company.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/414402/2023
2.	File No. allotted by SEIAA, UP	7538
3.	Name of Proponent	M/s Sarita Construction Company Vikash Singh (Prop)
4.	Full correspondence address of proponent and mobile no.	R/o: 80/44 Near Dot Pull, Rambag Thana-Kotwali Tehsil- Sadar, District- Prayagraj, (U.P.)-211003 Mobile no. – 7310480000 E mail ID - saritasand23@gmail.com
5.	Name of Project	Environmental clearance for Ordinary sand mining from river bed of Ganga, at Khand No. 22, Area-5.0 ha at Village –Devrakh/Chhatnag, Tehsil- Karchhana, District- Prayagraj, Uttar Pradesh of M/s Sarita Construction Company
6.	Project Location (Plot. Khasra/Gata No.)	Gata No. 22
7.	Name of River	Ganga River
8.	Name of Village	Devrakh/Chhatnag
9.	Tehsil	Karchhana
10.	District	Prayagraj
11.	Name of Minor Mineral	Ordinary Sand Mining Project
12.	Sanctioned Lease Area (in Ha.)	5.0 ha
13.	Max. & Min mRL within lease area	Highest mRL is 72.50 mRL Lowest mRL is 70.20 mRL

14.	Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude	
		A	25°23.484N	81° 54.387E	
		B	25°23.504N	81° 54.507E	
		C	25°23.640N	81° 54.457E	
		D	25°23.613N	81° 54.338E	
15.	Total Geological Reserves	1,15,652 m ³			
16.	Total Mineable Reserve	1,00,000 m ³			
17.	Total Proposed Production	5,00,000 m ³ (5 years)			
18.	Proposed Production /year (as per LoI)	1,00,000 m ³ per annum			
19.	Sanctioned Period of Mine lease	Plan Period 5 years			
20.	Production of mine/day	370.0 m ³ /day			
21.	Method of Mining	Opencast semi - mechanized			
22.	No. of worker	21			
23.	Type of Land	Govt./Non Forest Land			
24.	Depth of Mining	2.3 m			
25.	Nearest metalled road from site	0.40 km			
26.	Water Requirement	PURPOSE			
		Drinking		- 0.21 KLD	
		Suppression of dust		- 4.8 KLD	
		Plantation		- 2.5 KLD	
		Others (if any)		- 0.00 KLD	
		Total		- 7.51 KLD	
27.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124 RA 0224, Valid till –01 May 2024			
28.	Any litigation pending against the project or land in any court	No			
29.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 2095/Khanij/2022-23 dated 31/10/2022			
30.	Details of Lease Area in approved DSR	Page no. 56 Serial no. 22			
31.	Project Cost	90.0 Lacs			
32.	Proposed CER cost	1.80 Lacs			
33.	Length and breadth of Haul Road	Length – 0.40 km, Breadth – 6.00 m			
34.	No. of Trees to be Planted	2,500			

- 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).

The consultant (EIA Coordinator) also submitted an affidavit dated 15/02/2023 mentioning is as follows:

- I, Surendra Vikram Ghavri, S/o Shri Pratap Kumar is EIA Coordinator of M/s Paramarsh Servicing Environment and Development.
- I have prepared Form-1, PFR and EMP report for EC in the name of Ordinary sand mining from river bed of Ganga, at Khand No. 22, Village –Devraakh/Chhatnag, Tehsil- Karchhana, District- Prayagraj, Shri Vikash Singh, M/s Sarita Construction Company, Area-5.0 ha. with my team.
- I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
- I am satisfied with that all the necessary data/information required for Form-1, PFR and EMP preparations are true and correct.
- I certify that this project proposal has been uploaded for the first time on Parivesh Portal.

6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. The Form-1, PFR and EMP report for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 01

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to these minutes. The committee also stipulated the following additional specific conditions:

1. In compliance of Hon'ble NGT Order dated 06.05.2022, for subsequent years, Project Proponent shall submit fresh annual replenishment study to SEIAA, UP for amendment in EC for mineable quantity and maximum permissible depth for mining based on scientific findings of replenishment study. Such study shall be placed before SEAC for appraisal for next three years to assess rate of deposition and accordingly, mineable production capacity and depth can be prescribed based on trends analysis, provided it is found scientifically satisfactory by the SEAC. The placing of the study report SEAC is mandatory for initial three years.
2. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be obtained before start of mining activity.
3. Project proponent has committed to plant 500 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 500 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
4. The project proponent shall install solar light in their site office.
5. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
6. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
7. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
8. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
9. The project proponent should explore the possibilities of rainwater harvesting.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
11. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
12. As per the proposed plan, plantation with area specific plant species, number of plants to be planted. The plant's height should be at least 2 metres tall. Regular report of the plantation to be submitted to the forest department and Directorate of Environment, U.P.
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ water supplying agencies to be submitted.
14. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

2. “Ordinary Sand Mining” having lease area – 8.09 ha along riverbed of Ganga river at Araji No/Gata No.- 7kh, Khand-1, Village – Badagaon, Tehsil -Sakaldiha, District- Chandauli, M/s Rajesh Prasad Yadav and Sons, Area – 8.09 ha., File No. 7577/ Proposal No.SIA/UP/MIN/414232/2023

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and development. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for “Ordinary Sand Mining Project on riverbed of Ganga river at Araji No/Gata No.- 7kh, Khand-1, Village – Badagaon, Tehsil -Sakaldiha, District- Chandauli, Uttar Pradesh, (Leased Area – 8.09 ha.).

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

1.	On-line proposal No.	SIA/UP/MIN/414232/2023																	
2.	File No. allotted by SEIAA, UP	7577																	
3.	Name of Proponent	Shri Rajesh Prasad Yadav & Sons Prop. Shri Rajesh Prasad Yadav S/o Shri Jhuri Yadav																	
4.	Full correspondence address of proponent and mobile no.	R/o – H. No. 6/171, G -5, Akatha, Thana-Sarnath Tehsil - Sadar, District-Varanasi, U.P. 221007																	
		Mobile no. – 7905004456																	
		E mail ID - rajeshydvсанд@gmail.com																	
5.	Name of Project	Environment clearance of proposed “Ordinary Sand Mining” having lease area – 8.09 ha along riverbed of Ganga river at Araji No/Gata No. 7kh, Khand-1, Village – Badagaon, Tehsil -Sakaldiha, District- Chandauli, Uttar Pradesh of M/s Rajesh Prasad Yadav and Sons.																	
6.	Project Location (Plot. Khasra/Gata No.)	Araji No/Gata No. 7kh, Khand-1																	
7.	Name of River	Ganga																	
8.	Name of Village	Badagaon																	
9.	Tehsil	Sakaldiha																	
10.	District	Chandauli																	
11.	Name of Minor Mineral	“river bed Sand/morrum mining”																	
12.	Sanctioned Lease Area (in Ha.)	8.09 ha																	
13.	Max. & Min mRL within lease area	Highest mRL – 65.70 mRL Lowest mRL- 62.50 mRL																	
14.	Pillar Coordinates (Verified by DMO)	<table><tr><td>Point</td><td>Latitude N</td><td>Longitude E</td></tr><tr><td>A</td><td>25°31'1.48"N</td><td>83°14'28.28"E</td></tr><tr><td>B</td><td>25°31'6.99"N</td><td>83°14'31.60"E</td></tr><tr><td>C</td><td>25°31'1.48"N</td><td>83°14'46.49"E</td></tr><tr><td>D</td><td>25°30'56.65"N</td><td>83°14'43.64"E</td></tr></table>			Point	Latitude N	Longitude E	A	25°31'1.48"N	83°14'28.28"E	B	25°31'6.99"N	83°14'31.60"E	C	25°31'1.48"N	83°14'46.49"E	D	25°30'56.65"N	83°14'43.64"E
		Point	Latitude N	Longitude E															
		A	25°31'1.48"N	83°14'28.28"E															
		B	25°31'6.99"N	83°14'31.60"E															
		C	25°31'1.48"N	83°14'46.49"E															
D	25°30'56.65"N	83°14'43.64"E																	
15.	Total Geological Reserves	3,23,600 m ³																	
16.	Total Mineable Reserve	1,94,160 m ³																	
17.	Total Proposed Production	8,09,000 m ³ (5 years)																	
18.	Proposed Production /year (as per LoI)	1,61,800 m ³ /annum																	
19.	Sanctioned Period of Mine lease	Plan Period 5 years																	
20.	Method of Mining	Opencast semi - mechanized																	
21.	No. of worker	38																	
22.	Type of Land	Govt./Non Forest Land																	
23.	Ultimate Depth of Mining	3.0 m																	
24.	Nearest metalled road from site	0.60 km																	
25.	Water Requirement	PURPOSE																	
		Drinking	- 0.38 KLD																
		Suppression of dust	- 7.20 KLD																
		Plantation	- 8.00 KLD																
		Others (if any)	- 0.00 KLD																

		Total	8.38 ~ 8.50 KLD
26.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124 RA 0224, Valid till -01 May 2024	
27.	Any litigation pending against the project or land in any court	No	
28.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 111/30-up-Khanij, dated - 07/10/2022	
29.	Details of Lease Area in approved DSR	DSR approved by District Authority	
30.	Project Cost	1.10 Crore	
31.	Proposed CER cost	2.20 lacs	
32.	Length and breadth of Haul Road	Length – 0.60 km, Breadth – 6.00 m	
33.	No. of Trees to be Planted	800	

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

The consultant (EIA Coordinator) also submitted an affidavit dated 15/02/2023 mentioning is as follows:

1. I, Surendra Vikram Ghavri, S/o Shri Pratap Kumar is EIA Coordinator of M/s Paramarsh Servicing Environment and Development.
2. I have prepared TOR application for the “Ordinary Sand Mining Project on riverbed of Ganga river at Araji No/Gata No.- 7kh, Khand-1, Village – Badagaon, Tehsil -Sakaldiha, District-Chandauli, Uttar Pradesh, (Leased Area – 8.09 ha.) with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required for TOR application are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. The TOR application for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 02

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-2 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. In compliance of Hon’ble NGT Order dated 06.05.2022, Project Proponent shall submit fresh annual replenishment study to SEIAA, UP for mineable quantity and maximum permissible depth for mining based on scientific findings of replenishment study. Such study shall be placed before SEAC for appraisal for next three years to assess rate of deposition and accordingly, mineable production capacity and depth can be prescribed based on trends analysis, provided it is found scientifically satisfactory by the SEAC.

2. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
4. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
5. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
11. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
12. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
14. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
16. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

3. Riverbed Ordinary Sand mine, at Village- Khaira Khas (Gata No.-593) Tehsil- Belthara road & District Ballia, Developed By M/s Shiva Enterprises, Maharajganj, Shri Krishn Nagar, Area 11.9 ha., File No. 7581/ 6949/ Proposal No.SIA/UP/MIN/415310/2023

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s AWS Envirotech (OPC) Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Riverbed Ordinary Sand mine at Gata No.-593, Village- Khaira Khas Tehsil- Belthara Road, District- Ballia, U.P., (Area 11.9 ha.), M/s Shiva Enterprises.
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No.. 131/Parya/SEIAA/ 6949/2022, dated- 15/07/2022

3. The Public Hearing was organized on 05/12/2022. Final EIA Report was submitted by the Project Proponent on 25/01/2023.

4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.				SIA/UP/MIN/415310/2023			
2. File No. allotted by SEIAA, UP				7581/6949			
3. Name of Proponent				M/s Shiva Enterprises Shri Krishn Nagar Yadav			
4. Full correspondence address of proponent and mobile no.				M/s Shiva Enterprises Shri Krishn Nagar Yadav R/o Village- Darhata, Thana-Chowk, Tehsil- Sadar, District- Maharajganj, Uttar Pradesh.			
				E-mail Id- shivaenterprises5418@gmail.com			
5. Name of Project				Riverbed Ordinary Sand Mining Village- Khaira Khas, Tehsil-Belthara Road & District- Ballia Uttar Pradesh			
6. Project Location (Plot.Khasra/Gata No.)				Gata No. – 593, Village- Khaira Khas, Tehsil-Belthara Road & District- Ballia Uttar Pradesh			
7. Name of River				Ghaghara River			
8. Name of Village				Khaira Khas			
9. Tehsil				Belthara Road			
10. District				Ballia			
11. Name of Minor Mineral				River sand			
12. Sanctioned Lease Area (in Ha.)				11.9 ha.			
13. Max. & Min mRL within lease area				Highest mRL is 80 & Lowest is 65 mRL			
14. Pillar Coordinates (Verified by DMO)				Pillars	Latitude	Longitude	
				A	26°10'33.00"N	83°51'27.30"E	
				B	26°10'36.50"N	83°51'36.60"E	
				C	26°10'10.40"N	83°51'43.50"E	
				D	26°10'9.80"N	83°51'41.50"E	
15. Total Geological Reserves				3,29,864 m ³			
16. Total Mineable Reserve (as per Approved Mine Plan)				1,19,000 m ³			
17. Total Proposed Production (In 5 Years)				5,95,000 m ³ (In 5 Years)			
18. Proposed Production				1,19,000 m ³ /year			
19. Sanctioned Period of Mine lease				5 years			
20. Method of Mining				Opencast, Semi-Mechanized			
21. No. of working days				260			
22. Working hours/day				8			
23. No. of worker				52			
24. No. of vehicles movement/day				46			
25. Type of Land				Govt. Revenue land			
26. Ultimate of Depth of Mining				1.2 m			
27. Nearest metalled road from site				590 m			
28. Water Requirement				PURPOSE			
				Drinking		0.52 KLD	
				Suppression of dust		2.36 KLD @ 1.0 KL for 250 m	
				Plantation		0.30 KLD	
				Others (if any)		-	
				Total		3.18 KLD	
29. Name of QCI Accredited Consultant with QCI No and period of validity.				M/s AWS Envirotech (OPC) Pvt. Ltd 2 nd floor Devpuri plaza, Neelgiri crossing, Faizabad road, Indranagar , Lucknow-226016, U.P. Certificate no. NABET/EIA/2225/IA 0097 (Rev.01) Valid Till July 14,2025			
30. Any litigation pending against the project or land in any court				No			
31. Details of 500 m Cluster Certificate verified by				vide letter no. 219, dated- 19.02.2022			

	Mining Officer	
32.	Details of Lease Area in approved DSR	11.9 ha
33.	Proposed CER cost	Rs.7.9 Lakhs
34.	Proposed EMP cost	Total project cost- Rs. 88 lakhs as Capital cost and 3.07 crore/year as recurring cost, EMP cost- Capital cost- Rs. 8.5 Lakhs & Recurring Cost- Rs. 5.5 Lakhs/year
35.	Length and breadth of Haul Road	590 m
36.	No. of Trees to be Planted	300

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).

The consultant (EIA Coordinator) also submitted an affidavit dated 25/01/2023 mentioning is as follows:

1. I, Sandeep Kumar, S/o R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared EIA/EMP report for the Riverbed Ordinary Sand mine at Gata No.-593, Village-Khaira Khas Tehsil- Belthara Road, District- Ballia, U.P., (Area 11.9 ha.) M/s Shiva Enterprises with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information submitted along with EC application are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. I state that all the TOR points have been complied and all the issues raised during public hearing have been properly addressed in EIA report.
8. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 03

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-1 to these minutes. The committee also stipulated the following additional specific conditions:

1. In compliance of Hon'ble NGT Order dated 06.05.2022, for subsequent years, Project Proponent shall submit fresh annual replenishment study to SEIAA, UP for amendment in EC for mineable quantity and maximum permissible depth for mining based on scientific findings of replenishment study. Such study shall be placed before SEAC for appraisal for next three years to assess rate of deposition and accordingly, mineable production capacity and depth can be prescribed based on trends analysis, provided it is found scientifically satisfactory by the SEAC. The placing of the study report SEAC is mandatory for initial three years.
2. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be obtained before start of mining activity.
3. Project proponent has committed to plant 500 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 500 trees/ha on a land available to the Forest Department. The project proponent will deposit the

required amount for this entire plantation work (including its maintenance and security) to the Forest Department.

4. The project proponent shall install solar light in their site office.
5. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
6. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
7. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
8. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
9. The project proponent should explore the possibilities of rainwater harvesting.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
11. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
12. As per the proposed plan, plantation with area specific plant species, number of plants to be planted. The plant's height should be at least 2 metres tall. Regular report of the plantation to be submitted to the forest department and Directorate of Environment, U.P.
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ water supplying agencies to be submitted.
14. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

4. Revision of IT/ITES SEZ Project at Plot No.-21 Techzone-IV, Greater Noida (west), District- Gautam Budha Nagar, Uttar Pradesh, M/s Artha Infratech P. Ltd., File No. 7590/7311/ Proposal No.SIA/UP/INFRA2/415976/2023

RESOLUTION AGAINST AGENDA NO. 04

The project proponent/consultant did not appear. The committee discussed and deliberated that the 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 requests on prescribed online portal.

5. River bed sand/morrum mining from river Yamuna at Khand No. 16/11 to 16/14 at Village- Ramnagar (Mahewa), Tehsil-Manjhanpur, District-Kaushambi, Shri Arun Kumar Tripathi, Area- 25.00 ha., File No. 7594/ Proposal No.SIA/UP/MIN/416110/2023

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and development. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The terms of reference is sought for River bed sand/morrum mining from river Yamuna at Khand No. 16/11 to 16/14 at Village- Ramnagar (Mahewa), Tehsil-Manjhanpur, District-Kaushambi, U.P., (Leased Area- 25.00 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/416110/2023
2.	File No. allotted by SEIAA, UP	7594
3.	Name of Proponent	Arun Kumar Tripathi S/o Shri Bholanath Tripathi
4.	Full correspondence address of	R/o-193A/1A, Tilak Nagar, Allapur District- Prayagraj, U.P.

	proponent and mobile no.	211006															
		Email.id- aktmorrur@gmail.com															
		Mobile No.- 9839457141															
5.	Name of Project	Terms of reference for environmental clearance of proposed river bed sand/morrur mining having lease area 25.00 ha along river Yamuna in Khand No. 16/11 to 16/14 at village- Ramnagar (Mahewa), Tehsil-Manjhanpur, District-Kaushambi U. P.															
6.	Project Location (Plot. Khasra/Gata No.)	River Yamuna in Khand No. 16/11 to 16/14															
7.	Name of River	Yamuna River															
8.	Name of Village	Village – Ramnagar (Mahewa)															
9.	Tehsil	Manjhanpur															
10.	District	Kaushambi															
11.	Name of Minor Mineral	River bed sand/morrur mining															
12.	Sanctioned Lease Area (in Ha.)	25.0 ha															
13.	Max. & Min mRL within lease area	The highest level of area is 78.10 mRL The lowest level is 77.80 mRL															
14.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillar</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr> <td>A</td><td>25°24 53.305"N</td><td>81°09 14.237"E</td></tr> <tr> <td>B</td><td>25°24 36.655"N</td><td>81°09 10.241"E</td></tr> <tr> <td>C</td><td>25°24 38.843"N</td><td>81°08 56.317"E</td></tr> <tr> <td>D</td><td>25°24 58.561"N</td><td>81°08 56.853"E</td></tr> </tbody> </table>	Pillar	Latitude	Longitude	A	25°24 53.305"N	81°09 14.237"E	B	25°24 36.655"N	81°09 10.241"E	C	25°24 38.843"N	81°08 56.317"E	D	25°24 58.561"N	81°08 56.853"E
Pillar	Latitude	Longitude															
A	25°24 53.305"N	81°09 14.237"E															
B	25°24 36.655"N	81°09 10.241"E															
C	25°24 38.843"N	81°08 56.317"E															
D	25°24 58.561"N	81°08 56.853"E															
15.	Total Geological Reserves	4,17,000 m ³															
16.	Total Mineable Reserve	2,50,000 m ³															
17.	Total Proposed Production	12,50,000 m ³ (5 Years)															
18.	Proposed Production /year(as per LoI)	2,50,000 m ³															
19.	Sanctioned Period of Mine lease	5 years (as per LoI)															
20.	Production of mine/day	926 m ³ /Day															
21.	Method of Mining	Opencast semi-mechanized															
22.	No. of vehicles movement/day	115															
23.	Type of Land	Govt./Non Forest Land															
24.	Ultimate of Depth of Mining	1.67 m (Plan Period)															
25.	Nearest metalled road from site	0.40 km															
26.	Water Requirement	PURPOSE Drinking - 0.53 KLD Suppression of dust - 4.8 KLD Plantation - 2.5 KLD Others (if any) - 0.00 KLD Total - 7.83 KLD															
27.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124 RA 0224 Valid till – 01/05/2024															
28.	Any litigation pending against the project or land in any court	No															
29.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No-394/Khanan Sahayak Kaushambi dated 04/07/2022															
30.	Details of Lease Area in approved DSR	Page No. 02, Serial no. 06															
31.	Project Cost	1.40 Crore															
32.	Proposed CER cost	2.80 lacs															
33.	Length and breadth of Haul Road	Length – 0.40 km, Breadth – 6.00 m															
34.	No. of Trees to be Planted	2,500															

- 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.

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

The consultant (EIA Coordinator) also submitted an affidavit dated 15/02/2023 mentioning is as follows:

1. I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I have prepared TOR application for the EC of River bed sand/morrum mining from river Yamuna at Khand No. 16/11 to 16/14 at Village- Ramnagar (Mahewa), Tehsil-Manjhanpur, District-Kaushambi, U.P., (Leased Area- 25.00 ha.), Proposal no. SIA/UP/MIN/416110/2023 with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with TOR application preparations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. The TOR report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 05

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-2 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. In compliance of Hon'ble NGT Order dated 06.05.2022, Project Proponent shall submit fresh annual replenishment study to SEIAA, UP for mineable quantity and maximum permissible depth for mining based on scientific findings of replenishment study. Such study shall be placed before SEAC for appraisal for next three years to assess rate of deposition and accordingly, mineable production capacity and depth can be prescribed based on trends analysis, provided it is found scientifically satisfactory by the SEAC.
2. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in form of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
4. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
5. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
8. Combined KML of all mines in a cluster should be submitted at the time of EIA.

9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
11. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
12. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
14. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
16. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

6. River bed ordinary sand mining along river Ganga in Gata No-140/3 & 4 at Village-Basaratpur, Tehsil- Chunar, District- Mirzapur, Madhuri Singh, M/s Vidhata Associate, Area- 9.0 ha., File No. 7607/7059/ Proposal No.SIA/UP/MIN/416692/2023

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and development. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for River bed Ordinary Sand Mining from river Ganga in Gata No-140/3 & 4 at Village-Basaratpur, Tehsil- Chunar, District- Mirzapur, U. P. (Leased area- 9.0 ha), M/s Vidhata Associate.
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No.. 188/Parya/SEIAA/7059/2022 dated 22/09/2022
3. The Public Hearing was organized on 14/01/2022. Final EIA Report was submitted by the Project Proponent on 01/02/2023.

4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	New Proposal No. SIA/UP/MIN/416692/2023 Old Proposal No. SIA/UP/MIN/76265/2022
2.	File No. allotted by SEIAA, UP	File No. 7607/7059
3.	Name of Proponent	M/s Vidhata Associate Prop Smt. Madhuri Singh W/o Shri Ravindra Kumar Singh R/o: 30/107 Champa Kunj, Nagwan Lanka, Varanasi, Uttar Pradesh- 221005
4.	Full correspondence address of proponent and mobile no.	Email.id- vidhatasandmzp@gmail.com Mobile No.- 7905004456
5.	Name of Project	Environmental clearance for proposed river bed ordinary sand mining having lease area- 9.0 ha along river Ganga in Gata No-140/3 & 4 at Village-Basaratpur, Tehsil- Chunar, District- Mirzapur, U. P. of M/s Vidhata Associate.
6.	Project Location (Plot. Khasra/Gata No.)	Gata No-140/3 & 4
7.	Name of River	Ganga River
8.	Name of Village	Basaratpur
9.	Tehsil	Chunar

10.	District	Mirzapur																	
11.	Name of Minor Mineral	Riverbed sand mining																	
12.	Sanctioned Lease Area (in Ha.)	Area - 09.0 ha																	
13.	Max. & Min mRL within lease area	Highest mRL-61.30 mRL Lowest mRL- 59.50 mRL																	
14.	Pillar Coordinates (Verified by DMO)	<table><tr><th>Point</th><th>Latitude N</th><th>Longitude E</th></tr><tr><td>A</td><td>25° 09' 11.17"N</td><td>82° 52' 51.02"E</td></tr><tr><td>B</td><td>25° 09' 10.83"N</td><td>82° 52' 58.04"E</td></tr><tr><td>C</td><td>25° 08' 54.48"N</td><td>82° 52' 52.62"E</td></tr><tr><td>D</td><td>25° 08' 55.26"N</td><td>82° 52' 46.62"E</td></tr></table>	Point	Latitude N	Longitude E	A	25° 09' 11.17"N	82° 52' 51.02"E	B	25° 09' 10.83"N	82° 52' 58.04"E	C	25° 08' 54.48"N	82° 52' 52.62"E	D	25° 08' 55.26"N	82° 52' 46.62"E		
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C	25° 08' 54.48"N	82° 52' 52.62"E																	
D	25° 08' 55.26"N	82° 52' 46.62"E																	
15.	Total Geological Reserves	3,60,000 m ³																	
16.	Total Mineable Reserve	2,06,847 m ³																	
17.	Total Proposed Production	9,00,000 m ³ (5 year)																	
18.	Proposed Production /year (as per LoI)	1,80,000 m ³ per annum																	
19.	Sanctioned Period of Mine lease	Plan Period (5 year)																	
20.	Method of Mining	Opencast semi-mechanized																	
21.	No. of vehicles movement/day	100																	
22.	Type of Land	Govt./Non Forest Land																	
23.	Depth of Mining	3.0 m (Maximum)																	
24.	Nearest metalled road from site	0.55 km																	
25.	Water Requirement	PURPOSE																	
		Drinking - 0.29 KLD																	
		Suppression of dust - 6.60 KLD																	
		Plantation - 9.0 KLD																	
		Others (if any) - 0.00 KLD																	
		Total ~ 16.00 KLD																	
26.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124 RA 0224, Valid till –01 May 2024																	
27.	Any litigation pending against the project or land in any court	No																	
28.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No-3185/Khanij/2022, dated 28 January 2022																	
29.	Details of Lease Area in approved DSR	DSR Letter No-8075/Khanij/shuddhi patra/2022 dated 17/05/2022 (shudhipatra)																	
30.	Project Cost	1.35 Crore																	
31.	Proposed CER cost	2.70 Lacs																	
32.	Length and breadth of Haul Road	Length – 0.55 km, Breadth – 6.00 m																	
33.	No. of Trees to be Planted	9,000																	

- 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).

The consultant (EIA Coordinator) also submitted an affidavit dated 15/02/2023 mentioning is as follows:

- I, Surendra Vikram Ghavri, S/o Shri Pratap Kumar is EIA Coordinator of M/s Paramarsh Servicing Environment and Development.
- I have prepared EIA/EMP report for the River bed Ordinary Sand Mining from river Ganga in Gata No-140 3 & 4 at Village-Basaratpur, Tehsil- Chunar, District- Mirzapur, U. P. (Leased area-9.0 ha), M/s Vidhata Associate, Proposal no. SIA/UP/MIN/76265/2022 with my team.
- I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.

4. I am satisfied with that all the necessary data/information required for EIA/EMP preparations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. I state that all the TOR points have been complied and all the issues raised during public hearing have been properly addressed in EIA report.
8. The TOR application for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

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 to these minutes. The committee also stipulated the following additional specific conditions:

1. In compliance of Hon'ble NGT Order dated 06.05.2022, for subsequent years, Project Proponent shall submit fresh annual replenishment study to SEIAA, UP for amendment in EC for mineable quantity and maximum permissible depth for mining based on scientific findings of replenishment study. Such study shall be placed before SEAC for appraisal for next three years to assess rate of deposition and accordingly, mineable production capacity and depth can be prescribed based on trends analysis, provided it is found scientifically satisfactory by the SEAC. The placing of the study report SEAC is mandatory for initial three years.
2. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be obtained before start of mining activity.
3. Project proponent has committed to plant 500 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 500 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
4. The project proponent shall install solar light in their site office.
5. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
6. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
7. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
8. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
9. The project proponent should explore the possibilities of rainwater harvesting.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
11. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
12. As per the proposed plan, plantation with area specific plant species, number of plants to be planted. The plant's height should be at least 2 metres tall. Regular report of the plantation to be submitted to the forest department and Directorate of Environment, U.P.
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ water supplying agencies to be submitted.
14. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.

7. River bed sand/morrum mining, river Yamuna in khand No. 16/18 to 16/19 at Village- Jamunapur, Tehsil- Manjhanpur, District-Kaushambi, Abhishek Agrawal, M/s Agrawal Ventures & Project, Area 24.28 ha., File No. 7612/7103/ Proposal No.SIA/UP/MIN/416918/2023

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and development. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Riverbed “Sand/Morrum Mining” mining from river Yamuna in khand No. 16/18 to 16/19 at Village- Jamunapur, Tehsil- Manjhanpur, District- Kaushambi, U. P., (Leased area 24.28 ha), M/s Agrawal Ventures & Project.
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 248/Parya/SEIAA/7103/2022 dated 03/10/2022.
3. The Public Hearing was organized on 11/01/2023. Final EIA Report was submitted by the Project Proponent on 03/02/2023.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	New Proposal No. SIA/UP/MIN/416918/2023 Old Proposal No. SIA/UP/MIN/77263/2022		
2.	File No. allotted by SEIAA, UP	7612/7103		
3.	Name of Proponent	M/s Agrawal Ventures & Project Prop. Abhishek Agrawal S/o Shri Rajeev Gupta R/o -437/189, Newada Colony, Ashok Nagar Cant Tehsil- Sadar, Dist-Prayagraj, U.P.-211012.		
4.	Full correspondence address of proponent and mobile no.	Email.id- agrawalsand57@gmail.com Mobile No.- 9565195757		
5.	Name of Project	Environmental clearance for proposed river bed sand/morrum mining having lease area 24.28 ha along river Yamuna in khand No. 16/18 to 16/19 at Village- Jamunapur, Tehsil- Manjhanpur, District- Kaushambi, U. P. of M/s Agrawal Ventures & Project.		
6.	Project Location (Plot. Khasra/Gata No.)	Khand No. 16/18 to 16/19		
7.	Name of River	Yamuna River		
8.	Name of Village	Jamunapur		
9.	Tehsil	Manjhanpur		
10.	District	Kaushambi		
11.	Name of Minor Mineral	Riverbed sand mining		
12.	Sanctioned Lease Area (in Ha.)	Area - 24.28 ha		
13.	Max. & Min mRL within lease area	The highest level of area is 81.0 mRL The lowest level is 74.0 mRL		
14.	Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
		A	25° 25.202"N	81° 09.396"E
		B	25° 25.330"N	81° 09.478"E
		C	25° 25.546"N	81° 09.030"E
		D	25° 25.406"N	81° 08.980"E
15.	Total Geological Reserves	4,00,200 m ³		
16.	Total Mineable Reserve	2,40,000 m ³ (6 months)		
17.	Total Proposed Production	2,40,000 m ³ (6 months)		
18.	Proposed Production /year (as per LoI)	2,40,000 m ³ (6 months)		
19.	Sanctioned Period of Mine lease	Plan Period (6 months)		
20.	Method of Mining	Opencast semi-mechanized		
21.	No. of vehicles movement/day	166		
22.	Type of Land	Govt./Non Forest Land		
23.	Depth of Mining	3.0 m (Plan Period)		
24.	Nearest metalled road from site	0.45 km		

25.	Water Requirement	PURPOSE
		Drinking - 0.75 KLD
		Suppression of dust - 5.4 KLD
		Plantation - 2.4 KLD
		Others (if any) - 0.00 KLD
		Total - 8.55 KLD
26.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124 RA 0224, Valid till -01 May 2024
27.	Any litigation pending against the project or land in any court	No
28.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No-54/ Khanan Sahayak Kaushambi dated 23/04/2022
29.	Details of Lease Area in approved DSR	Page No. 09, Serial no. 31
30.	Project Cost	1.20 Crore
31.	Proposed CER cost	2.40 Lacs
32.	Length and breadth of Haul Road	Length – 0.45 km, Breadth – 6.00 m
33.	No. of Trees to be Planted	25,000

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).

The consultant (EIA Coordinator) also submitted an affidavit dated 15/02/2023 mentioning is as follows:

1. I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
2. I have prepared EIA/EMP report for the Riverbed “Sand/Morrum Mining” mining from river Yamuna in khand No. 16/18 to 16/19 at Village– Jamunapur, Tehsil- Manjhanpur, District- Kaushambi, U. P., (Leased area 24.28 ha), M/s Agrawal Ventures & Project, Proposal no. SIA/UP/MIN/416918/2023 with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with EIA/EMP application preparations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. I state that all the TOR points have been complied and all the issues raised during public hearing have been properly addressed in EIA report.
8. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

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 to these minutes. The committee also stipulated the following additional specific conditions:

1. In compliance of Hon'ble NGT Order dated 06.05.2022, for subsequent years, Project Proponent shall submit fresh annual replenishment study to SEIAA, UP for amendment in EC for mineable

quantity and maximum permissible depth for mining based on scientific findings of replenishment study. Such study shall be placed before SEAC for appraisal for next three years to assess rate of deposition and accordingly, mineable production capacity and depth can be prescribed based on trends analysis, provided it is found scientifically satisfactory by the SEAC. The placing of the study report SEAC is mandatory for initial three years.

2. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be obtained before start of mining activity.
3. Project proponent has committed to plant 500 number of trees/hectare. The project proponent/consultant if desires may approach to concerned District Forest Authority to plant 500 trees/ha on a land available to the Forest Department. The project proponent will deposit the required amount for this entire plantation work (including its maintenance and security) to the Forest Department.
4. The project proponent shall install solar light in their site office.
5. During the submission of 6 monthly compliance reports, the project proponent should make sure that the periodically taken site photographs should also be annexed along with the compliance report.
6. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
7. Link Road from the quarry site to the main road shall be constructed as an all-weather road with blacktopping and maintained by the project proponent.
8. Vehicular emissions should be kept under control and regularly monitored. Suitable measures shall be taken for proper maintenance of vehicles used in a quarry operation and transportation.
9. The project proponent should explore the possibilities of rainwater harvesting.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
11. Latest technology (water sprinklers/ tankers) to be adopted for mitigating dust at source points in lease area and haulage road during operational activity/vehicular movement.
12. As per the proposed plan, plantation with area specific plant species, number of plants to be planted. The plant's height should be at least 2 metres tall. Regular report of the plantation to be submitted to the forest department and Directorate of Environment, U.P.
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ water supplying agencies to be submitted.
14. Submit the hydrological study report of lease area that the quantity given in LoI will be mined without affecting the geo-hydrology of the River.
15. Proponent is permitted to riverbed sand/morrum mining as per the DGM approved mining plan and not be allowed in submerged areas.

8. **Group Housing Building Plan At Plot No.- Gh - 1/27, Vardan Khand Sector- 1, Gomti Nagar Extension Scheme , Lucknow. Vinod Lokwani, Think Buildwell Private Limited., File No. 7619/ Proposal No.SIA/UP/INFRA2/412446/2023**

RESOLUTION AGAINST AGENDA NO. 08

The project proponent/consultant did not appear. The committee discussed and deliberated that the 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 requests on prescribed online portal.

9. **Ordinary Earth mining project at Gata No.- 1393, 1394, Village: Sarosi, Tehsil: Unnao, District- Unnao, Sumit Misra, Area- 0.742 Ha., File No. 7625/ Proposal No.SIA/UP/MIN/417482/2023**

The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and development. Based on the documents

submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Ordinary Earth Mining Project at Gata No.- 1393, 1394 at Village- Sarosi, Tehsil & District –Unnao Uttar Pradesh, (LeasedArea-0.742 Ha.)
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/417452/2023	
2.	File No. allotted by SEIAA, UP	7625	
3.	Name of Proponent	Sumit Kumar Mishra,	
4.	Full correspondence address of proponent and mobile no.	Add.- Village- Pathari, Tehsil & District –Unnao Uttar Pradesh Mobile No.- -	
5.	Name of Project	Environmental Clearance of proposed Project of Ordinary Earth Mining Project at Gata No.- 1393, 1394 at Village- Sarosi , Tehsil & District –Unnao Uttar Pradesh	
6.	Project Location (Plot. Khasra/Gata No.)	Gata No.- 1393, 1394	
7.	Name of River	NA	
8.	Name of Village	Sarosi	
9.	Tehsil	Unnao	
10.	District	Unnao	
11.	Name of Minor Mineral	Ordinary Soil mining	
12.	Sanctioned Lease Area (in Ha.)	Area - 0.742 ha	
13.	Max. & Min mRL within lease area	Highest mRL – 123.00 mRL Lowest mRL – 121 .00mRL	
14.	Pillar Coordinates (Verified by DMO)	Gata	Pillar , Latitude Longitude
		1393 & 1394	A/ 26°34'14.47"N, 80°24'47.06"E
			B/ 26°34'19.76"N, 80°24'49.12"E
			C/ 26°34'19.50"N, 80°24'49.91"E
			D/ 26°34'18.98"N, 80°24'49.77"E
			E/ 26°34'18.92"N, 80°24'49.90"E
			F/ 26°34'15.93"N, 80°24'48.71"E
			G/ 26°34'15.75"N, 80°24'49.47"E
H/ 26°34'14.37"N, 80°24'49.09"E			
15.	Total Geological Reserves	18550 m ³	
16.	Total Mineable Reserve	16695 m ³	
17.	Total Proposed Production	16695m ³ (3.0 months)	
18.	Proposed Production /year (as per LoI)	16695 m ³ (3.0 months)	
19.	Sanctioned Period of Mine lease	Plan Period (3.0 months)	
20.	Method of Mining	Mining operation shall be semi-mechanized (OTFM)	
21.	No. of vehicles movement/day	20	
22.	Type of Land	Govt./Non Forest Land	
23.	Depth of Mining	2.50 m	
24.	Nearest metalled road from site	0.50 km	
25.	Water Requirement	PURPOSE	
		Drinking	0.50 KLD
		Suppression of dust	3.00 KLD
		Plantation	0.50 KLD
		Others (if any)	0.10 KLD
		Total	4.10 KLD
26.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/2124 RA 0224, Valid till –01 May 2024	
27.	Any litigation pending against the project or land in any court	No	
28.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No. 4070 / Khanij Vibhag, Dated 17/01/2023	
29.	Details of Lease Area in approved DSR	Simple Soil Mining	
30.	Project Cost	15.0 Lakh	
31.	Proposed CER cost	0.75 Lakh	

32.	Length and breadth of Haul Road	Length – 0.20 km, Breadth – 6.00 m
33.	No. of Trees to be Planted	334.00

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

The consultant (EIA Coordinator) also submitted an affidavit dated 14/02/2023 mentioning is as follows:

1. I, Surendra Vikram Ghavri, S/o Shri Pratap Kumar is EIA Coordinator of M/s Paramarsh Servicing Environment and Development.
2. I have prepared Form-1, PFR and EMP for the Ordinary Earth Mining Project at Gata No.- 1393, 1394 at Village- Sarosi, Tehsil & District –Unnao Uttar Pradesh, (Leased Area-0.742 Ha.), Proposal no. SIA/UP/MIN/417452/2022 with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information required for Form-1, PFR and EMP preparations are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivash Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. The Form-1, PFR and EMP for the Proposal is prepared by my team as per guideline laid down by QCI/NABET.

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-3 to these minutes.

10. Group Housing Project at Plot No 3, SP-05, Sector-3, Siddharth Vihar, Ghaziabad, U.P., M/s T and T Infra Developers Private Limited, Shri Nikhil Sisidiya., File No. 6640/Proposal No. SIA/UP/MIS/296430/2023

The Secretariat informed the committee that the environmental clearance for the above proposal was issued by SEIAA, U.P. vide EC Identification No. EC22B038UP192605, dated 07/07/2022 for the Plot area 14,670 sqm and Built-up area 95,768.62 sqm for the name of "Group Housing Project at Plot No 3, SP-03, Sector-3, Siddharth Vihar, Ghaziabad, U.P., M/s T and T Infra Developers Private Limited".

The project proponent vide letter dated 21/01/2023 and online application dated 23/01/2023 informed that due to typographical error in the environmental clearance letter dated 07/07/2022 the address of the project site mentioned as "Plot No 3, SP-03, Sector-3, Siddharth Vihar, Ghaziabad, U.P." instead of "Plot No 3, SP-05, Sector-3, Siddharth Vihar, Ghaziabad, U.P." The project proponent also mentioned that the online application form, land documents and conceptual plan address of the project mentioned as "Plot No 3, SP-05, Sector-3, Siddharth Vihar, Ghaziabad, U.P."

The Secretariat also informed the committee that as per the file record it is a typographical error and it should be amended as per the request of the proponent which is as follows:

Details mentioned in EC	Proposed amendment in EC
"Group Housing Project at Plot No 3, SP-03, Sector-3, Siddharth Vihar, Ghaziabad, U.P., M/s T and T Infra Developers Private Limited"	"Group Housing Project at Plot No 3, SP-05, Sector-3, Siddharth Vihar, Ghaziabad, U.P., M/s T and T Infra Developers Private Limited"

RESOLUTION AGAINST AGENDA NO-10

The committee discussed the matter and recommended to amend the EC Identification No. EC22B038UP192605, dated 07/07/2022 per above project details. The committee also directed that all the contents mentioned in Environmental Clearance Identification No. EC22B038UP192605, dated 07/07/2022 shall remain same.

(Prof. Jaswant Singh)
Member, SEAC-2

(Dr. Amrit Lal Haldar)
Member, SEAC-2

(Dr. Dineshwar Prasad Singh)
Member, SEAC-2

(Tanzar Ullah Khan)
Member, SEAC-2

(Ashish Tiwari)
Member-Secretary

(Dr. Harikesh Bahadur Singh)
Chairman, SEAC-2

Nodal, SEAC-2

MoM prepared by Secretariat in consultation with
Chairman & Members on the basis of decisions
taken by SEAC-2 during the meeting.

Annexure-1

General and Specific Conditions 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 Integrated Regional Office, MoEF&CC, GoI, 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 Integrated Regional Office, MoEF&CC, GoI, 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.

Specific Conditions:

1. The Environmental clearance will be co-terminus with the mining lease period/mining plan whichever is less.
2. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
3. Environment management in according to environmental status and impact of the project.
4. During the school opening and closing time transportation of minerals will be restricted.
5. Selection of plants for green belt should be on the basis of pollution removal index. Project proponent should ensure survival of tree saplings. Mortality should be replaced from time to time.
6. No mining activity should be carried out in-stream channel as per SSMMG, 2016.
7. Pakkamotorable haul road to be maintained by the project proponent.
8. 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.
9. Permission from the competent authority regarding evacuation route should be taken.
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. Approach road kaccha is to be made motarable and tree saplings to be planted on both sides of the road. Width of the haul road shall be more than 6 meter.
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. 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.
25. 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.
26. If in future this lease area becomes part of cluster of equal to or more than 05 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.
27. Project falling within 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
28. 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.
29. 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 05 ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 05 ha, the E.C issued will stand revoked.
30. 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.
31. The mining work will be open-cast and manual/semi mechanized (subject to orders). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
32. It shall be ensured that there shall be no mining of any type within 03 m or 10% of the width which-ever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
33. 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.
34. 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.
35. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
36. 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.
37. The critical parameters such as PM10, PM2.5, SO₂ and NO_x 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))].
38. 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.
39. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.

40. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
41. 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.
42. 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.
43. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
44. 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.
45. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
46. 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 Integrated Regional Office, MoEF&CC, GoI, Lucknow, SEIAA, U.P. and UPPCB.
47. 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 Integrated Regional Office, MoEF&CC, GoI, Lucknow, CPCB, State PCB.
48. The MoEF&CC/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
49. 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.
50. 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.
51. Waste water from potable use be collected and reused for sprinkling.
52. 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-2

Standard Terms of Reference for the Mining Project prescribed by MoEF&CC, GoI

- 1) 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.
- 2) A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be given.
- 3) 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.
- 4) 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).
- 5) 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.
- 6) 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.
- 7) 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.
- 8) 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.
- 9) 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.
- 10) 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.
- 11) 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.
- 12) 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.
- 13) 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.
- 14) 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.

- 15) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 16) 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.
- 17) 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.
- 18) 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.
- 19) 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.
- 20) 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.
- 21) 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.
- 22) 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.
- 23) 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.
- 24) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 25) Description of water conservation measures proposed to be adopted in the Project should be given.
- 26) Details of rainwater harvesting proposed in the Project, if any, should be provided.

- 27) 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.
- 28) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater.
- 29) 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.
- 30) 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.
- 31) 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.
- 32) 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.
- 33) 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.
- 34) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 35) 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.
- 36) 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.
- 37) 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.
- 38) 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.
- 39) 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.
- 40) 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.
- 41) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 42) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 43) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 44) 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.

- 45) 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.

Annexure-3

General and Specific Conditions for Soil/Earth Mining Projects:-

General condition:

1. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
2. Any mining activity shall be undertaken only after valid permission from Mining Department/District Administration and written agreement with land owner from where earth excavation is proposed.
3. No change in mining technology and scope of working shall be made without approval of Authority.
4. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
5. The Authority reserves the right to revoke the clearance if conditions stipulated are not implemented. The Authority will also be entitled to impose additional environmental conditions or modify the existing ones, if necessary.
6. In case of any deviation or alteration in the project proposed from those submitted to this Authority for clearance, a fresh reference should be made to the Authority to assess the adequacy of the condition(s) imposed and to add additional environmental protection Measures required, if any.
7. 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.

Specific Conditions:

1. The Environmental clearance will be co-terminus with the agreement/mining plan whichever is less.
2. Environment management should be in accordance with the present environment status of the project.
3. Approach kaccha road should be made motorable and maintained periodically.
4. Transportation of soil should be undertaken in covered containers.
5. Rehabilitation plan with planting of trees to be submitted along with the closure plan.
6. Land to be leveled and handed over to the owners after completion of excavation work.
7. A valid NOC from State Pollution Control Board shall be obtained for the Brick kiln prior to operation as per law and all guidelines must be followed, if applicable.
8. The mining operations shall be strictly limited to the proposed mining sites and proposed purpose.
9. Top soil should be adequately preserved and should be used for landscaping.
10. Excavated soil should be properly stored in a manner not to increase surrounding air pollution level.
11. Water sprinkling should be exercised during excavation and storage of soil for suppression of fugitive dust.
12. Excavated area should be properly reclaimed and ensured that no open bore hole is left.
13. Safety measures for the people working at the site shall be duly taken care of as per law.
14. The excavation work shall be done in day time only.
15. The project boundary shall be properly covered to restrict dust dispersion.
16. Precautionary measures during soil excavation for conservation and protection of rare and endangered flora and fauna found in the study area.
17. Noise level shall be maintained as per standards for both day and night.
18. The route map for soil transportation from excavation plots to work site should be firmed up and necessary permissions shall be sought from District Administration.
19. Vehicles hired for the transportation should be in good condition and should have Pollution Check Certificate and should conform to applicable air and noise emission standards.

20. Personnel exposure monitoring for respirable mineral dust shall be carried out for the workers and records maintained including health records of the workers. Awareness program for workers on impact of mining on their health and precautionary measures like use of personal protective equipments etc. shall be carried out periodically. First aid facilities and adequate sanitary facility in the form of temporary toilets/septic tanks.
21. Solid waste material viz gutkha rappers, plastic bags, glasses etc. to be generated during project activity will be separately stored in bins and managed as per Solid Waste Management Rules.
22. Project proponent should maintain daily register for information of (a) collection of soil/clay, (b) manpower & (c) transportation purpose.
23. Soil mining shall strictly be undertaken as per rules and regulations/permissions obtained from District Administration/Mining Department
24. Corporate Environmental Responsibility (CER) 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. A copy of resolution as above shall be submitted to the authority along with list of beneficiaries with their mobile nos./address.
25. The borrowing/excavation activity shall be restricted to a maximum depth of 2 m. below general ground level at the site.
26. The borrowing/excavation activity shall be restricted to 2 m. above the ground water table at the site.
27. The borrowing/excavation activity shall not alter the natural drainage pattern of the area.
28. The borrowed/excavated pit shall be restored by the project proponent for useful purpose(s).
29. Appropriate fencing all around the borrowed/excavated pit shall be made to prevent any mishap.
30. Measures shall be taken to prevent dust emission by covering of borrowed/excavated earth during transportation.
31. Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing/excavation of earth.
32. Workers/labourers shall be provided with facilities for drinking water and sanitation.
33. A berm shall be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.
34. A minimum distance of 15 m from any civil structure shall be kept from the periphery of any excavation area.