

Minutes of 798th SEAC-2 Meeting Dated 13/10/2023

The 798th meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 13/10/2023. Following members participated in the meeting:

- | | | |
|----|-----------------------------|-----------------------------|
| 1. | Dr. Harikesh Bahadur Singh, | Chairman, SEAC-2 |
| 2. | Dr. Amrit Lal Halder, | Member, SEAC-2 (through VC) |
| 3. | Shri Tanzar Ullah Khan, | Member, SEAC-2 |
| 4. | Prof. Jaswant Singh, | Member, SEAC-2 (through VC) |
| 5. | Dr. Shiv Om Singh, | Member, SEAC-2 (through VC) |
| 6. | Shri Ashish Tiwari, | Member Secretary, SEAC-2 |

The Chairman welcomed the members to the 798th 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, Directorate of Environment. Nodal Officer, SEAC-2 placed the agenda items along with the available file and documents before the SEAC-2.

1. “Sand/Morrum Mining Project” located at Gata No. 1141 Part of (1137, 1136, 1123/2, 1125, 1127, 1131, 1132), Village – Bhurendi, Tehsil & District - Banda, Shri Devendra Singh Bhati, Area- 37.0 Ha., 8264/SIA/UP/MIN/444694/2023

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 Environmental Research and Analysis, Lucknow (U.P). 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 “Sand/Morrum Mining Project” at Gata No. 1141 Part of (1137, 1136, 1123/2, 1125, 1127, 1131, 1132), Village – Bhurendi, Tehsil & District - Banda, U.P., (Leased Area- 37.0 Ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/444694/2023		
2. File No. allotted by SEIAA, U.P	8264		
3. Name of Proponent	M/s Ridhi Sidhi Housing Pvt. Ltd. Applicant- Shri Devendra Singh Bhati S/o- Shri Virendra Singh Bhati		
4. Full correspondence address of proponent and mobile no.	R/o - 142, Hanvat, BJS, Basti, Jodhpur, Rajasthan.		
5. Name of Project	Sand / Morrum Mining		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 1141 PART OF 1137, 1136, 1123/2, 1125, 1127, 1131, 1132		
7. Name of River	Ken River		
8. Name of Village	Bhurendi		
9. Tehsil	Banda		
10. State	Banda		
11. District	Uttar Pradesh		
12. Name of Minor Mineral	Sand / Morrum Mining Project		
13. Sanctioned Lease Area (in Ha.)	37.0 Ha.		
14. Mineable Area (in Ha.)	19.02 Ha (safety margin 17.81 Ha)		
15. Zero level mRL	110 mRL		
16. Max. & Min mrl within lease area	Maximum & Minimum mRL 129 mRL & 111 mRL respectively		
17. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)

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	A	25°29.510'N	80°18.417'E
	B	25°29.585'N	80°18.790'E
	C	25°29.654'N	80°18.804'E
	D	25°29.707'N	80°18.586'E
	E	25°29.792'N	80°18.537'E
	F	25°29.875'N	80°18.407'E
	G	25°30.140'N	80°18.171'E
	H	25°30.177'N	80°18.097'E
	I	25°30.273'N	80°18.084'E
	J	25°30.333'N	80°17.933'E
	K	25°30.290'N	80°17.882'E
	L	25°30.133'N	80°18.141'E
	M	25°29.964'N	80°18.250'E
	N	25°29.689'N	80°18.340'E
18. Total Geological Reserves	950988 m ³		
19. Total Mineable Reserve	190198 m ³ for 6 months		
20. Sanction Quantity as per LOI	112466 m ³ in 6 month		
21. Total Proposed Production (in five year)	112466 m ³ in 6 month as per LOI		
22. Sanctioned Period of Mine lease	6 month		
23. Monitoring Season	01/10/2023 to 31/12/2023 (Post Monsoon Season)		
24. Method of Mining	Open cast, semi mechanized		
25. Working hours/day	8 hours/day		
26. No. Of workers	Approximately 40 workers		
27. No. Of vehicles movement/day	Approximately 48-50 movements per day. (Vehicles such as Truck dumper/tipper, Tractor Trolleys, etc. will be in use)		
28. Type of Land	Government Land		
29. Ultimate Depth of Mining	1.70 m as per approved mining plan		
30. Nearest metalled road from site	NH 335 is 0.34 Km away in South direction from the project site.		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking water	0.50 KLD	
	Dust suppression	4.14 KLD	
	Plantation	0.185 KLD	
	Others (if any)	-	
	Total	4.83 KLD (Approx)	
32. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 (Rev01) Valid up to 21 Jan, 2024		
33. Any litigation pending against the project or land in any court	No		
34. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 2240/Khanij-30, Banda Date- 15/06/2023		
35. Details of Lease Area in approved DSR	DSR report, page no- 60, Si. No-1, DSR Amendment Letter 988/ Khanij-30, Banda Dated- 08 July 2021		
36. Proposed EMP cost	Rs. 14,04,850/- (more than 2% of project cost)		
37. Proposed Total Project cost	Rs. 5,02,72,302/-		
38. Length and breadth of Haul Road	460 m length and 6 m width		
39. No. of Trees to be Planted	185		

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 28/08/2023 mentioning is as follows:

1. I, Vishnu Kumar Awasthi S/o Lt. R G Awasthi is EIA Coordinator of M/s Environmental Research and Analysis, Lucknow (U.P.), Accreditation Certificate No- NABET/ EIA/ 1922/RA 0200 (Rev 01), valid till- 21/01/2024.
2. I have prepared TOR report for the Proposal No. SIA/UP/MIN/444694/2023 (File No. – 8264) Gata No Gata No. 1141 PART OF 1137, 1136, 1123/2, 1125,1127,1131,1132 Village Bhurendi Tehsil & District Banda UP Area 37.0 Ha M/s Ridhi Sidhi Housing Pvt. Ltd. Applicant- Shri Devendra Singh Bhati S/o- Shri Virendra Singh Bhatti R/o - 142, Hanvat, BJS, Basti, Jodhpur, Rajasthan 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 required for TOR presentations 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.

RESOLUTION AGAINST AGENDA NO. 01

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
2. Purchased KML should be presented at the time of EIA presentation.
3. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
4. 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.
5. EIA coordinator & FAE should give a notarized 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.
6. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
7. 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.
8. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
9. Combined KML of all mines in a cluster should be submitted at the time of EIA.

10. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
11. 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.
12. 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.
13. 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.
14. 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.
15. 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.
16. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
17. 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. “Granite Gitti, Khanda / Boulders” Project at Gata No./ Khand No.- 715 / 09, Village-Gonda, Tehsil- Karwi, District- Chitrakoot, Shri Ankit Yadav, Area : 2.024 ha., 8266/SIA/UP/MIN/444744/2023

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), Lucknow, U.P. 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 Granite Gitti, Khanda / Boulders Mining at Gata No./Khand No. 715 / 09, Village- Gonda, Tehsil- Karwi, District- Chitrakoot, U.P., (Leased Area- 2.024 ha.), M/s Shriram Construction.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/444744/2023															
2.	File No. allotted by SEIAA, UP	8266															
3.	Name of Proponent	M/s Shriram Construction, Prop.- Shri Ankit Yadav S/o Late Bharat Singh Yadav															
4.	Full correspondence address of proponent	R/o- Churnamani, Rasoolpur, Sadat Chinhat, Distt.- Lucknow, U.P.															
5.	Name of Project	Granite Gitti, Khanda / Boulders Mining Project															
6.	Project location (Plot/ Khasra /Gata No.)	Gata No./Khand No.- 715 / 09															
7.	Name of Village	Gonda															
8.	Tehsil	Karwi															
9.	District	Chitrakoot															
10.	Name of Minor Mineral	Granite Gitti, Khanda / Boulders															
11.	Sanctioned Lease Area (in Ha.)	2.024 ha.															
12.	Max.& Min mRL within lease area	247 mRL- 183 mRL															
13.	Pillar Coordinates(Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillars</th><th>Latitude (N)</th><th>Longitude (E)</th></tr> </thead> <tbody> <tr> <td>A</td><td>25° 12' 25.650"N</td><td>80° 45' 09.935"E</td></tr> <tr> <td>B</td><td>25° 12' 24.804"N</td><td>80° 45' 13.946"E</td></tr> <tr> <td>C</td><td>25° 12' 18.975"N</td><td>80° 45' 13.021"E</td></tr> <tr> <td>D</td><td>25° 12' 19.480"N</td><td>80° 45' 08.722"E</td></tr> </tbody> </table>	Pillars	Latitude (N)	Longitude (E)	A	25° 12' 25.650"N	80° 45' 09.935"E	B	25° 12' 24.804"N	80° 45' 13.946"E	C	25° 12' 18.975"N	80° 45' 13.021"E	D	25° 12' 19.480"N	80° 45' 08.722"E
Pillars	Latitude (N)	Longitude (E)															
A	25° 12' 25.650"N	80° 45' 09.935"E															
B	25° 12' 24.804"N	80° 45' 13.946"E															
C	25° 12' 18.975"N	80° 45' 13.021"E															
D	25° 12' 19.480"N	80° 45' 08.722"E															
14.	Total Geological Reserves	1357874 m ³															
15.	Total Mineable Reserves	449923 m ³															
16.	Total Proposed Production (in five year)	151800 m ³															
17.	Proposed Production / year	30360 m ³															

18.	Sanctioned Period of Mine lease	20 Years (Maximum)	
19.	Method of Mining	Opencast Semi-Mechanized	
20.	No.Of workers	37 (approx.)	
21.	Type of Land	Govt. revenue land	
22.	Nearest metalled road from site	400m	
23.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking & Others	0.40
		Suppression of dust	2.40
		Plantation	3.00
		Total	5.80
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/2124/RA0224, Validity-01/05/2024	
25.	Any litigation pending against the project or land in any court	No	
26.	Details of 500 m Cluster certificate Verified by Mining Officer	DMO, Chitrakoot vide Letter No. 1759/Khanij/2023-24, Dated- 23.05.2023	
27.	Details of Lease Area in approved DSR	Page No.-29, Table No.-17, S.No.- 02	
28.	Proposed CER cost	1.45 Lakh	
29.	Proposed EMP cost	EMP in First Year – 16.15 Lakh EMP (Recurring Years) – 7.10 Lakh	
30.	Length and breadth of Haul Road.	Length- 400m, Width- more than 6.0 m	
31.	No. of Trees to be Planted	3000	

- 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 25/09/2023 mentioning is as follows:

- I, Pankaj Srivastava S/o Sri V.V. Srivastava am EIA Coordinator of Paramarsh Servicing Environment and Development.
- I will prepared EIA report for EC in the name of M/s Shriram Construction, Prop.- Shri Ankit Yadav S/o Late Bharat Singh Yadav for the Proposed “Granite Gitti, Khanda / Boulders” Project at Gata No./ Khand No.- 715 / 09, Village- Gonda, Tehsil- Karwi, District- Chitrakoot, U.P. (Applied Area : 2.024 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 submitted along with EIA are true and correct.
- I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
- 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.
- I state that all the TOR Points will be complied and all the issues raised during Public Hearing will be properly addressed in EIA report.
- The EIA report for the Proposal will be 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-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. Since no intimation letter has been submitted regarding collection of baseline monitoring data, hence monitoring data will be collected after issuance of ToR.
2. 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.
3. EIA coordinator & FAE should give a notarized 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.
4. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
5. 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.
6. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
7. Combined KML of all mines in a cluster should be submitted at the time of EIA.
8. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
9. 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.
10. 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.
11. 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.
12. 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.
13. 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.
14. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

3. Group Housing Project (Amendment in earlier obtained EC) at Plot No.GH3B, Sector-12, Greater Noida (West), Gautam Buddha Nagar, Shri Gaurav Bhati, M/s Sublime Realtech Private Limited., 8268/SIA/UP/INFRA2/444195/2023

RESOLUTION AGAINST AGENDA NO-03

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.

4. “Building Stone Sand Stone” Project at Gata No.- 615ka & 615/692 Mi , Village- Sahira, Tehsil- Lalganj, District- Mirzapur, Shri Sanjay Singh, Area : 4.046 ha., 8270/SIA/UP/MIN/444774/2023

The project proponent/consultant informed the committee that the environmental clearance for the above project was issued by District Level Environment Impact Assessment Authority (DEIAA), Sonbhadra vide its letter no. 700/Parya/DEIAA/Sandstone/MZP/2018, dated 07/04/2018 for the leased area 4.04 ha with mining quantity 2,50,000 cum/year.

Hon'ble National Green Tribunal, New Delhi passed an order dated 07/12/2022 in O.A. No. 142 of 2022 in the matter of Jayant Kumar Vs. Ministry of Environment, Forests and Climate Change. The operative part of order dated 07/12/2022 is as follows:

“...mining leases in which environmental clearance was granted by DEIAA in view of amendment notification dated 15.01.2016 are still continuing even after passing of order dated 13.09.2018 by this Tribunal in Satendra Pandey (supra) and issuance of OM dated 12.12.2018 by MoEF&CC without any re-appraisal by SEIAA and appropriate remedial action on the basis of such re-appraisal. All such mining leases in which environmental clearance was granted by DEIAA need to be brought in consonance with the directions given by Hon'ble Supreme Court in Deepak Kumar (supra) and order dated 13.09.2018 by this Tribunal in Satendra Pandey (supra) by re-appraisal by SEIAA and only such mining leases may be continued which have been on re-appraisal granted environmental clearance by SEIAA. MoEF&CC is, therefore, directed to take appropriate steps for compliance in this regard by issuance of requisite directions in exercise of the statutory powers under the Environment (Protection) Act, 1986. For this purpose, MoEF&CC is directed to collect information regarding such mining leases in which environmental clearance was granted by DEIAA and the period of which has not yet expired and are still continuing in all the States and Union Territories and by issuing appropriate directions for compliance with directions given by Hon'ble Supreme Court in Deepak Kumar (supra) and order dated 13.09.2018 passed by this Tribunal in Satendra Pandey (supra) by re-appraisal for grant of EC by SEIAA.”

In compliance of above Hon'ble NGT order Ministry of Environment, Forests and Climate Change, Govt. of India issued an Officer Memorandum F.No. IA3-22/11/2023-IA.III(E-208230), dated 28/04/2023 wherein:

“...all valid ECs issued by DEIAA shall be reappraised through SEAC/SEIAA in compliance to the order of the Hon'ble NGT in O.A. No. 142 of 2022. In view of above, it is hereby direction that all concerned SEACs shall re-appraise the ECs issued by DEIAAs between 15/01/2016 and 13/09/2018 (including both dates) and all fresh ECs in the regard shall be granted only by SEIAAs based on such appraisal. The exercise shall be completed within a period of one year from the date of issue of this OM. DEIAAs shall transfer all such files

where ECs have been granted to concerned SEIAA within a time period of one month from issue of this OM”

As per Office Memorandum dated 28/04/2023 issued by MoEFCC, Govt. of India the project proponent apply under category B-1 for reappraisal of environmental clearance issued by DEIAA on 07/04/2018 and terms of reference application submitted to SEIAA, U.P. 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), Lucknow, U.P. 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 Building Stone Sand Stone Mining at Gata No.- 615ka & 615/692 Mi, Village- Sahira, Tehsil- Lalganj, District- Mirzapur, U.P. (Leased Area- 4.047 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/444774/2023		
2.	File No. allotted by SEIAA, UP	8270		
3.	Name of Proponent	Shri Sanjay Singh S/o Late Ramchandrar Singh		
4.	Full correspondence address of proponent	R/o- Vill.- Bhaluahi, Tana & Tehsil-Badalapur, Distt.- Jaunpur, U.P.		
5.	Name of Project	Building Stone Sand Stone Mining Project		
6.	Project location (Plot/ Khasra /Gata No.)	Gata No.- 615ka & 615/692 Mi		
7.	Name of Village	Sahira		
8.	Tehsil	Lalganj		
9.	District	Mirzapur		
10.	Name of Minor Mineral	Building Stone Sand Stone		
11.	Sanctioned Lease Area (in Ha.)	4.046 ha.		
12.	Max.& Min mRL within lease area	159 mRL- 154 mRL		
13.	Pillar Coordinates (Verified by DMO)	Pillars	Latitude (N)	Longitude (E)
		A	25° 03' 29.48"N	82° 20' 19.45"E
		B	25° 03' 28.34"N	82° 20' 26.64"E
		C	25° 03' 24.94"N	82° 20' 24.45"E
		D	25° 03' 23.78"N	82° 20' 27.46"E
		E	25° 03' 20.47"N	82° 20' 25.63"E
		F	25° 03' 21.76"N	82° 20' 20.29"E
		G	25° 03' 23.87"N	82° 20' 21.03"E
		H	25° 03' 24.61"N	82° 20' 19.89"E
		I	25° 03' 26.47"N	82° 20' 20.72"E
		J	25° 03' 26.94"N	82° 20' 19.12"E
14.	Total Geological Reserves	2413233 m ³		
15.	Total Mineable Reserves	1014561 m ³		
16.	Total Proposed Production	750000 m ³ (in three year)		
17.	Proposed Production / year	250000 m ³		
18.	Sanctioned Period of Mine lease	10 Years		
19.	Method of Mining	Opencast Semi-Mechanized		
20.	No.Of workers	53 (approx.)		
21.	Type of Land	Govt. revenue land		
22.	Nearest metalled road from site	200m		
23.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking & Others	0.55	
		Suppression of dust	1.20	
		Plantation	5.00	
		Total	6.75	
24.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Paramarsh (Servicing Environment and Development), Lucknow, U.P. QCI/NABET/EIA/2124/RA0224, Validity-01/05/2024		
25.	Any litigation pending against the project or	No		

	land in any court	
26.	Details of 500 m Cluster certificate Verified by Mining Officer	DMO (Khanan Anubhag) Mirzapur vide Letter No. 5719/MMC-30/2023-24, Dated 11.09.2023
27.	Details of Lease Area in approved DSR	Page No.-23 & 24, S.No.- 15
28.	Proposed CER cost	1.90 Lakh
29.	Proposed EMP cost	EMP in First Year - 22.40 Lakh EMP (Recurring Years) – 8.75 Lakh
30.	Monitoring Period	Oct., 2023 to Dec., 2023 (Post- Monsoon)
31.	Length and breadth of Haul Road.	Length- 200m, Width- more than 6.0 m
32.	No. of Trees to be Planted	5000

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 14/09/2023 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 will prepared EIA report for EC in the name of Shri Sanjay Singh S/o Late Ramchandar Singh for the Proposed “Building Stone Sand Stone” Project at Gata No.- 615ka & 615/692 Mi , Village- Sahira, Tehsil- Lalganj, District- Mirzapur, U.P. (Applied Area : 4.046 ha./ 10.0 Acre) 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 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. I state that all the TOR Points will be complied and all the issues raised during Public Hearing will be properly addressed in EIA report.
8. The EIA report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 04

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. Since no intimation letter has been submitted regarding collection of baseline monitoring data, hence monitoring data will be collected after issuance of ToR.
2. The environmental clearance for the above project was issued by District Level Environment Impact Assessment Authority (DEIAA), Mirzapur vide its letter no. 700/Parya/DEIAA/Sandstone/MZP/2018, dated 07/04/2018 for the leased area 4.04 ha with mining quantity 2,50,000 cum/year. Proponent to submit a certified compliance report from IRO, Lucknow, MoEF&CC for the environmental clearance issued dated 18/05/2016 in favour of respective project proponent.

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 notarized 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/SEAC, 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. Proponent to submit latest status of project site along with the site photographs and also provide mined minerals record of the respective project site at the time of EIA presentation.
5. **Building stone, Khanda, Boulder, Balast (Gitti) (Granite)" at Arazi No- 339 (Khand No: 23 Naya, 25 Purana) Village Daharra Tehsil Sadar & District Mahoba, Shri Jainendra Singh, Area- 1.012 ha., 8272/SIA/UP/MIN/444785/2023**

RESOLUTION AGAINST AGENDA NO. 05

During the presentation the committee observed that the above project was earlier uploaded on Parivesh Portal vide proposal no. SIA/UP/MIN/70915/2022, file no. 6863 and request for withdrawal of earlier application submitted to Member Secretary, SEIAA but withdrawal request has not been accepted by Member Secretary, SEIAA till date. Hence, the committee directed the project proponent that the matter will be discussed after withdrawal of application request accepted by Member Secretary, SEIAA.

6. “Sand/Morrum Mining Project” at Gata No.- 05 of part, 09 of part, Village – Bilharka, Tehsil – Naraini & District – Banda, Shri Ashu Singh Bhati, Area- 12.86 ha., 8274/SIA/UP/MIN/444811/2023

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 Environmental Research and Analysis, Lucknow (U.P). 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 “Sand/Morrum Mining Project” at Gata No.- 05 of part, 09 of part, Village – Bilharka, Tehsil – Naraini & District – Banda, U.P., (Leased Area- 12.86 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/444811/2023		
2. File No. allotted by SEIAA, U.P	8274		
3. Name of Proponent	M/S SHIVA CORPORATION INDIA (LTD). Proprietor- Shri Ashu Singh Bhati S/o Shri Mangan Singh Bhati		
4. Full correspondence address of proponent and mobile no.	R/o-45, Paschim Vihar, Vaishali Nagar, Jaipur, Rajasthan		
5. Name of Project	Sand/ Morrum Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Gata No. Part of 5,Part of 9		
7. Name of River	Ken River		
8. Name of Village	Bilharka		
9. Tehsil	Naraini		
10. District	Banda		
11. State	Uttar Pradesh		
12. Name of Minor Mineral	Sand/ Morrum Mining Project		
13. Sanctioned Lease Area (in Ha.)	12.86 Ha.		
14. Mineable Area (in Ha.)	7.716 Ha (safety margin 5.144 Ha)		
15. Zero level mRL	140 mRL		
16. Max. & Min mrl within lease area	Maximum & Minimum mRL 147 mRL & 141 mRL respectively		
17. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	25°03'09.18"N	80°17'24.36"E
	B	25°02'58.02"N	80°17'22.92"E
	C	25°02'57.36"N	80°17'21.30"E
	M	25°02'54.19"N	80°17'13.63"E
	L	25°02'57.52"N	80°17'13.13"E
	K	25°03'01.70"N	80°17'14.13"E
	J	25°03'05.02"N	80°17'14.20"E
	I	25°03'08.21"N	80°17'14.24"E
	H	25°03'11.41"N	80°17'14.34"E
G	25°03'14.6"N	80°17'14.48"E	
18. Total Geological Reserves	385800 m ³		
19. Total Mineable reserve	69276 m ³		
20. Sanction Quantity as per LOI	69276 m ³ in 6 month		
21. Proposed Production/year	69276 m ³ in 6 month		
22. Sanctioned Period of Mine lease	6 month		
23. Monitoring Season	01/10/2023 to 31/12/2023 (Post Monsoon Season)		
24. Method of Mining	Open cast, semi mechanized		
25. No. of working days	180		
26. Working hours/day	8 hours/day		
27. No. Of workers	Approximately 50 workers		
28. No. Of vehicles movement/day	Approximately 29-30 movements per day.(Vehicles such as Truck dumper/tipper, Tractor Trolleys, etc. will be in use)		

29. Type of Land	Government Land	
30. Ultimate Depth of Mining	1.12 m as per approved mining plan	
31. Nearest metalled road from site	SH-49 is 5.91 Km away from East direction from project site.	
32. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking water	0.60 KLD
	Dust suppression	4.14 KLD
	Plantation	0.06 KLD
	Others (if any)	-
	Total	4.80 KLD (Approx. 4.8 KLD)
33. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 (Rev01) Valid up to 21 Jan, 2024	
34. Any litigation pending against the project or land in any court	No	
35. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 2241/Khanij-30/ Banda Date- 15/06/2023	
36. Details of Lease Area in approved DSR	In DSR Details of lease are given Sl.No.23 ,Page no 61 Suddhi Patr letter No.612/Khanij-30,Banda date 11.10.2023	
37. Proposed EMP cost	Rs. 9,99,090/- (more than 2% of total project cost)	
38. Proposed Total Project cost	Rs. 98,00,000/-	
39. Length and breadth of Haul Road	460 m length and 6 m width	
40. No. of Trees to be Planted	65	

- 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 10/10/2023 mentioning is as follows:

- I, Vishnu Kumar Awasthi S/o Lt. R G Awasthi is EIA Coordinator of M/s Environmental Research and Analysis, Lucknow (U.P.), Accreditation Certificate No- NABET/ EIA/ 1922/RA 0200 (Rev 01), valid till- 21/01/2024.
- I have prepared TOR report for the Proposal No. SIA/UP/MIN/444811/2023 (File No. 8274) M/S SHIVA CORPORATION INDIA (LTD) Proprietor- Shri Ashu Singh Bhati S/o Shri Mangan Singh Bhati, R/o-45, Paschim Vihar, Vaishali Nagar, Jaipur, Rajasthan 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 have satisfied with that all the necessary data/information required for TOR presentations are true and correct.
- I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
- 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.

RESOLUTION AGAINST AGENDA NO. 06

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
 2. Purchased KML should be presented at the time of EIA presentation.
 3. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
 4. 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.
 5. EIA coordinator & FAE should give a notarized 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.
 6. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
 7. 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.
 8. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
 9. Combined KML of all mines in a cluster should be submitted at the time of EIA.
 10. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
 11. 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.
 12. 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.
 13. 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.
 14. 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.
 15. 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.
 16. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
 17. 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. **Ordinary Sand Mining from Riverbed of Ganga River Gata no.- 2/4, Village- Nadini, Tehsil-Sadar, District- Mirzapur, Shri Sujit Kumar Singh, Area – 5.0 Ha., 8276/7722/SIA/UP/MIN/445040/2023**

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 from Gata no.- 2/4, Village- Nadini, Tehsil-Sadar, District- Mirzapur, Uttar Pradesh, Sanctioned lease Area- 5.0 ha.
2. The Terms of Reference in the matter were issued by SEIAA, U.P vide Letter No. 122/Parya/SEIAA/ 7722/2023, dated- 28/06/2023.
3. The Public Hearing was organized on 26/08/2023. Final EIA report submitted by the project proponent on 20/09/2023.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/445040/2023																
2.	File No. allotted by SEIAA, UP	8276/7722																
3.	Name of Proponent	Shri Sujit Kumar Singh																
4.	Full correspondence address of proponent and E-mail Id	R/o- Hinauta, District- Mirzapur, Uttar Pradesh E-mail Id- sujitkuamarsingh@gmail.com																
5.	Name of Project	Riverbed Ordinary Sand Mine from Gata no.- 2/4, Village- Nadini, Tehsil- Sadar, District- Mirzapur, Uttar Pradesh, Sanctioned lease Area- 5.0 ha. Project Proponent- Shri Sujit Kumar Singh																
6.	Project Location (Plot.Khasra/Gata No.)	Gata no.- 2/4, Village- Nadini, Tehsil- Sadar, District- Mirzapur, Uttar Pradesh																
07.	Name of River	Ganga River																
08.	Name of Village	Nadini																
09.	Tehsil	Sadar																
10.	District	Mirzapur																
11.	Name of Minor Mineral	Riverbed Ordinary Sand																
12.	Sanctioned Lease Area (in Ha.)	5.0 ha.																
13.	Max. & Min mRL within lease area	Highest mRL is 70.0 & Lowest is 68.0 mRL																
14.	Pillar Coordinates (Verified by DMO)	Coordinates of the sanctioned lease area <table><tr><td>Pillars</td><td>Latitude</td><td>Longitude</td></tr><tr><td>A</td><td>25° 15'8.02"N</td><td>82° 23'20.60"E</td></tr><tr><td>B</td><td>25° 15'8.74"N</td><td>82° 23'27.76"E</td></tr><tr><td>C</td><td>25° 15'0.56"N</td><td>82° 23'27.43"E</td></tr><tr><td>D</td><td>25° 14'59.72"N</td><td>82° 23'20.09"E</td></tr></table>		Pillars	Latitude	Longitude	A	25° 15'8.02"N	82° 23'20.60"E	B	25° 15'8.74"N	82° 23'27.76"E	C	25° 15'0.56"N	82° 23'27.43"E	D	25° 14'59.72"N	82° 23'20.09"E
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C	25° 15'0.56"N	82° 23'27.43"E																
D	25° 14'59.72"N	82° 23'20.09"E																
15.	Total Geological Reserves	1,26,891 m ³																
16.	Total Mineable Reserve (as per Approved Mine Plan)	1,00,000 m ³																
17.	Total Proposed Production	5,00,000 m ³ (in 5 years)																
18.	Proposed Production/year	1,00,000 m ³ /Year																
19.	Sanctioned Period of Mine lease	5 Years																
20.	Method of Mining	Opencast, Semi-Mechanized																
21.	Working hours/day	8																
22.	No. of worker	52																
23.	Type of Land	Government land																
24.	Ultimate of Depth of Mining	2.5m																
25.	Nearest metalled road from site	1.1 km																
26.	Water Requirement	<table><tr><td>PURPOSE</td><td>REQUIREMENT (KLD)</td></tr><tr><td>Drinking</td><td>0.52 KLD</td></tr><tr><td>Suppression of dust</td><td>1.80 KLD</td></tr><tr><td>Plantation</td><td>0.60 KLD</td></tr><tr><td>Others (if any)</td><td>-</td></tr><tr><td>Total</td><td>2.92 KLD</td></tr></table>		PURPOSE	REQUIREMENT (KLD)	Drinking	0.52 KLD	Suppression of dust	1.80 KLD	Plantation	0.60 KLD	Others (if any)	-	Total	2.92 KLD			
PURPOSE	REQUIREMENT (KLD)																	
Drinking	0.52 KLD																	
Suppression of dust	1.80 KLD																	
Plantation	0.60 KLD																	
Others (if any)	-																	
Total	2.92 KLD																	
27.	Name of QCI Accredited Consultant with QCI No and period of validity.	AWS Envirotech (OPC) Pvt. Ltd. Certificate no. NABET/EIA/2225/IA 0097(Rev.01) Valid Till July 14, 2025																
28.	Any litigation pending against the project or land in any court	No																
29.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 1538/Khanij/2022-23 Dated on- 05.09.2022																

30.	Details of Lease Area in approved DSR	In approved DSR at page no. 20, Sl. No. 13
31.	Proposed CER cost	Rs. 1.94 Lakhs/Year
32.	Proposed EMP cost	EMP Cost is Rs. 8.0 Lakhs (as capital cost) and Rs. 3.75 lakhs per annum (as recurring cost)
33.	Distance of Haul Road	200 m
34.	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 19/09/2023 mentioning is as follows:

1. I, Sandeep Kumar, S/o Shri R.K. Verma is EIA Coordinator of M/s AWS Envirotech (OPC) Pvt. Ltd.
2. I have prepared EIA/EMP report for the proposal Riverbed Ordinary Sand Mine from Gata no.- 2/4, Village- Nadini, Tehsil-Sadar, District- Mirzapur, Uttar Pradesh, Sanctioned lease Area- 5.0 ha. with my team.
3. I have personally visited the proposed site along with team 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 has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
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-2 to these minutes. The committee also stipulated the following additional conditions:

1. Directorate of Geology and Mining will ensure conduct of replenishment study from reputed institution for subsequent years in compliance of Hon'ble NGT orders. The quantity mentioned in LoI or quantity mentioned in replenishment study, whichever is less, would be maximum quantity which project proponent may extract. It will be ensured by District Administration and Geology and Mining Department.
2. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be obtained before start of mining activity.
3. Project Proponent should submit action plan for carrying out plantation at least @1,000 plants / ha of lease area. In this case, PP should prepare a plan, duly approved either by Forest Department or District plantation committee, for planting at least (as per the project) plants, either on government land or community land, within a periphery of 5 km from the boundary of the lease area along with provisions for maintenance for 5 years. Survival of plants should not be less than

the survival rate notified by Uttar Pradesh Forest Department otherwise it will be treated as violation of EC condition.

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 and report of green belt development to be submitted to the concerning department
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.

8. **Integrated Township “Park Ville” at Khasra Nos. 104, 181, 182, 184, 489, 499, 503, 504, 505, 506, 565, 566, 567, 568, 569, 570, 571, 572, 573, 872, 873, 874, 875, 877, 901, Village – Siddhpura, Beli Road, Shivlar, Tehsil – Mohanlalganj, District – Lucknow, Shri Shailesh Dwivedi, M/s Swastik Multitrade Private Limited., 8278/SIA/UP/INFRA2/444809/2023**

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. **“Morrum Mining” on the riverbed of Sone River at Arazi No.- 15 च , Khand No. 02, Village- Bhagwa, Tehsil- Obra, District- Sonbhadra, Uttar Pradesh, Area 12.146 ha., 8280/7891/SIA/UP/MIN/445239/2023**

RESOLUTION AGAINST AGENDA NO. 09

A complaint dated 11/10/2023 of Akash Dubey, (Environmental Activist) S/o Shri Mahendra Kumar, Ara Kalan, Arahkala, Allahabad, U.P.-221508 received against the forgery committed by Rudra Mining Company in obtaining the environmental clearance for extraction at “Morrum Mining” on the riverbed of Sone River at Arazi No.- 15 च , Khand No. 02, Village- Bhagwa, Tehsil- Obra, District- Sonbhadra, Uttar Pradesh. Complaint stated that area in question i.e. Arazi No.- 15 च , Khand No. 02, Village- Bhagwa, Tehsil- Obra, District- Sonbhadra, Uttar Pradesh is a plain land where in there is no deposition of morrum. In this regard complainant has also enclosed photograph of lease area.

The committee observed that in the video of drone survey presented by the project proponent/consultant that soil/plain land with flora & fauna is visible. The committee opined that in this situation it would be appropriate to get actual position of the lease area through a site visit. Hence, the committee recommended to constitute a joint committee of Prof. Jaswant Singh, Member SEAC, RO, UPPCB, Sonbhadra & Mining Officer, Sonbhadra to inspect the mining site and provide factual report to SEAC to take necessary action in the matter.

10. Sand/Morrum Mining Project (Gatano-299,300,305, 306, 325mi, 326mi, 327, mi) area -15 ha at bank of Yamuna River at Village-Adhawal, Tehsil-Fatehpur, District-Fatehpur, Smt. Usha Tomar, M/s Anantadrishti Multiventures L.L.P., 8282/SIA/UP/MIN/443789/2023

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, Lucknow, U.P. The project proponent/consultant submitted the following chronology of the project:

1. Environmental Clearance for the project was issued by SEIAA, U.P. vide letter no. 292/Parya/SEIAA/5727-5443/2019, dated 04/09/2020.
2. Honourable NGT, Principal Bench, New Delhi passed an order dated 26/04/2022 in OA no. 327/2021 Rajjan Vs. State of UP
3. In compliance of Hon'ble NGT order dated 26/04/2022, the SEIAA vide its letter no. 262/Parya/SEIAA/5727-5443/2020, dated 09/11/2022 cancelled the EC no. 292/Parya/SEIAA/5727-5443/2019, dated 04/09/2020 and no more stands valid.
4. District Magistrate, Fatehpur order vide letter. 1257/30-Mineral (Minerals Section) (2022-2023) Dated 19/11/2022 banned the mining work with immediate effect until the new Environment Clearance certificate is obtained from SEIAA, U.P.
5. Therefore project proponent apply fresh terms of reference application for Sand/Morrum Mining Project (Gata no-299,300,305,306,325mi,326mi, 327, mi) area -15 ha at bank of Yamuna River at Village-Adhawal, Tehsil-Fatehpur, District-Fatehpur, State-UP By M/s Anantadrishti Multiventures L.L.P.

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 Sand/Morrum Mining Project (Gata no-299,300,305, 306, 325mi, 326mi, 327mi) at bank of Yamuna River at Village-Adhawal, Tehsil-Fatehpur, District-Fatehpur, State-UP, (Leased area -15 ha.) M/s Anantadrishti Multiventures L.L.P.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/443789/2023												
2.	File No. allotted by SEIAA, UP	8282												
3.	Name of Proponent	M/s Anantadrishti Multiventures L.L.P. Smt. Usha Tomar W/O Shri Narendra Singh Tomar												
4.	Full correspondence address of proponent and mobile no.	Shop No. 3, Radha Govind Complex, Dharamshala Road District- Bhilwada, Rajasthan. Mobile no.- 8619612155 E mail ID- tomaru364@gmail.com												
5.	Name of Project	Terms of reference for Environment Clearance of Proposed Sand/Morrum Mining Project (Gata no-299,300,305, 306, 325mi, 326mi, 327mi) area -15 ha at bank of Yamuna River at Village-Adhawal, Tehsil-Fatehpur, District-Fatehpur, State-UP By M/s Anantadrishti Multiventures L.L.P												
6.	Project Location (Plot. Khasra/Gata No.)	Gata no-299,300,305, 306, 325mi, 326mi, 327mi												
7.	Name of River	Yamuna River												
8.	Name of Village	Adhawal												
9.	Tehsil	Fatehpur												
10.	District	Fatehpur												
11.	Name of Minor Mineral	"River bed Sand/morrum mining"												
12.	Sanctioned Lease Area (in Ha.)	15.0 ha												
13.	Max. & Min mRL within lease area	The highest level of area is 90.0 mRL The lowest level is 88.35 mRL												
14.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Pillar No</th><th>N</th><th>E</th></tr> </thead> <tbody> <tr> <td>A</td><td>25⁰ 49.898°N</td><td>80⁰ 28.764°E</td></tr> <tr> <td>B</td><td>25⁰ 49.968°N</td><td>80⁰ 28.956°E</td></tr> <tr> <td>C</td><td>25⁰ 50.134°N</td><td>80⁰ 28.913°E</td></tr> </tbody> </table>	Pillar No	N	E	A	25 ⁰ 49.898°N	80 ⁰ 28.764°E	B	25 ⁰ 49.968°N	80 ⁰ 28.956°E	C	25 ⁰ 50.134°N	80 ⁰ 28.913°E
Pillar No	N	E												
A	25 ⁰ 49.898°N	80 ⁰ 28.764°E												
B	25 ⁰ 49.968°N	80 ⁰ 28.956°E												
C	25 ⁰ 50.134°N	80 ⁰ 28.913°E												

Minutes of 798th SEAC-2 Meeting Dated 13/10/2023

		D	25°50.067'N	80° 28.645'E
15.	Total Geological Reserves	4,49,582 m ³		
16.	Total Mineable Reserve	2,25,000.0 m ³		
17.	Proposed Production /year (as per LoI)	2,25,000.0 m ³		
18.	Sanctioned Period of Mine lease	Remaining Plan Period 3.0 Years as per DM Order Letter		
19.	Method of Mining	Mining will be carried out by bar scalping or skimming method and mining operation shall be semi - mechanized (OTFM) using scrapers/EMM and chain/tyre mounted bulldozers for rescue & salvage (as per SSMG 2016).		
20.	No. of worker	127		
21.	Type of Land	Govt./Non Forest Land		
22.	Ultimate Depth of Mining	3.0 m		
23.	Nearest metalled road from site	0.80 km		
24.	Water Requirement	PURPOSE		
		Drinking - 1.27 KLD		
		Suppression of dust - 9.60 KLD		
		Plantation - 1.50 KLD		
		Others (if any) - 0.00 KLD		
		Total 12.37 KLD		
25.	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		
26.	Any litigation pending against the project or land in any court	No		
27.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No – 230/30-khanij (2019-20, dated - 25/01/2020		
28.	Details of Lease Area in approved DSR	DSR approved by District Authority, Vill- Adhawal, Sr. No. 02		
29.	Project Cost	95.0 Lacs		
30.	Proposed CER cost	1.90 Lacs		
31.	Length and breadth of Haul Road	Length – 0.80 km, Breadth – 6.00 m		
32.	No. of Trees to be Planted	1500		

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

The consultant (EIA Coordinator) also submitted an affidavit dated 12/10/2023/2023 mentioning is as follows:

1. I Dr. Surendra Vikram Ghavri S/o Shri Pratap Kumar is EIA Coordinator of Paramarsh servicing Environment and Development.
2. I have prepared ToR Application for the Environment Clearance of Proposed Sand/Morrum Mining Project (Gata no-299,300,305, 306, 325mi, 326mi, 327, mi) area -15 ha at bank of Yamuna River at Village-Adhawal, Tehsil-Fatehpur, District-Fatehpur, State-UP By M/s Anantadrishti Multiventures L.L.P, Prop: Smt. Usha Tomar W/o Shri Narendra Singh Tomar. Proposal number: SIA/UP/MIN/443789/2023 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 required for ToR Application preparations are true and correct.

5. Initially the application was submitted by us and proposal no was assigned [Proposal No. SIA/UP/MIN/427977/2023, File No. 7889 of above mentioned project which was applied for grant of ToR on dated 14/05/2023. Inadvertently, we had uploaded wrong mine plan & cluster certificate on Parivesh Portal. Therefore, after withdrawing afore mentioned proposal we applied fresh application on the Parivesh Portal on 22/09/2023 bearing proposal no. SIA/UP/MIN/443789/2023.
6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.
7. The ToR Application for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 10

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
2. Purchased KML should be presented at the time of EIA presentation.
3. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
4. 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.
5. EIA coordinator & FAE should give a notarized 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.
6. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
7. 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.
8. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
9. Combined KML of all mines in a cluster should be submitted at the time of EIA.
10. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
11. 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.
12. 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.
13. 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.

14. 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.
 15. 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.
 16. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
 17. 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.
- 11. Expansion of existing Rolling Mill for the production of TMT round & bars from 34800 MTAear Sub. : to 1,02,960 MTAear through induction furnace route and (CCM) located at Opposite 66 kVA Power station, Merrut road, District- Muzaffarnagar, Shri Shahawar Khan, M/s Bharat Steel Rolling Mills (Unit-1), 8284/7313/SIA/UP/IND1/445278/2023**

RESOLUTION AGAINST AGENDA NO. 11

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, Lucknow, U.P. the committee discussed the matter and directed the project proponent to submit following information:

1. In Compliance of Terms of reference (TOR) the compliance report of condition of consent (CTO) from Regional office of the SPB should be submitted in tabular form.
2. Process description for existing plant and proposed plant (after expansion) along with major equipment and machineries, process flow sheet (quantitative) from Raw material to product for the specific expansion.
3. For the expansion of existing plant the details of induction furnace with capacity, charging time and per day billets production to be submitted with flow sheets.
4. Existing green belt plantation detail and proposed plantation plan for green belt development in unit along with a map to be submitted with the number of trees and species as per the green belt guidelines of CPCB/UPPCB.
5. Measures adopted by Industries for solid waste disposal presently and future Action Plan for solid & slag disposal/utilization to be prepared and submitted on the basis of the latest technology.
6. Existing Air Pollution Control System with latest air quality monitoring analysis report along with proposed Air pollution control system with primary and secondary system to control fugitive emissions to be submitted.
7. Photographs of existing plant, air pollution control system and other proposed vacant sites for expansion to be submitted.
8. Layout map plan of industry which includes location of existing unit i.e. boiler, process house and proposed expansion location and other utilities etc.
9. Details along with area of existing plant, green belt and proposed expansion area available on existing site to be submitted.
10. Existing ETP details for wastewater treatment and proposed plan for ETP expansion to be submitted.
11. The capital cost of existing plant and capital cost of project along with proposed expansion to be submitted.

The matter will be discussed after receipt of above information on prescribed online portal. Committee also directed that project proponent along with a technical person should be present at the time of EIA presentation.

12. “Ordinary Soil Excavation Project” at Gata No.- 2026, located in village Ashakhera, Tehsil Hasanganj, District Unnao, Shri Shirish Pratap Singh, Area- 0.530 Ha., 8286/SIA/UP/MIN/445326/2023

RESOLUTION AGAINST AGENDA NO. 12

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.

13. “Sand/Morrum Mine” at Gata 333/7, 412,413 & 414 Khand No.04, Village – Maraulikhader, Tehsil & District – Banda, Shri Mallampati Muraly., 8288/SIA/UP/MIN/445422/2023

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 Environmental Research and Analysis, Lucknow (U.P). 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 “Sand/Morrum Mining” at Gata 333/7, 412,413 & 414 Khand No.04, Village – Maraulikhader, Tehsil & District – Banda, U.P., (Leased area 23.0 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/445422/2023		
2. File No. allotted by SEIAA, U.P	8288		
3. Name of Proponent	M/s Agastya Agro Limited Director Shri Mallampati Muraly C/o Late Shri Mallampati Rangaiah		
4. Full correspondence address of proponent and mobile no.	R/o – Plot no. 40, Green Park Avenue, Beside Chennai Shopping Mall, Suchitra Jeedimetla, Medchal-malkajgiri Telangana		
5. Name of Project	Sand/ Morrum Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Part of Gata 333/7, 412,413 & 414 Khand No.04		
7. Name of River	Ken River		
8. Name of Village	Marauli khader		
9. Tehsil	Banda		
10. District	Banda		
11. State	Uttar Pradesh		
12. Name of Minor Mineral	Sand/ Morrum Mining Project		
13. Sanctioned Lease Area (in Ha.)	23.0 Ha.		
14. Mineable Area (in Ha.)	10.2549 Ha (safety margin 8.3723Ha, Submerged area 4.3728 Ha.)		
15. Zero level mRL	115 mRL		
16. Max. & Min mrl within lease area	Maximum & Minimum mRL 125 mRL & 116 mRL respectively		
17. Pillar Coordinates (Verified by DMO)	.		
	Pillar	Latitude(N)	Longitude(E)
	A	25°33'54.57"N	80°17'50.00"E
	B	25°33'59.57"N	80°17'53.65"E
	C	25°33'50.17"N	80°18'18.28"E
	D	25°33'46.70"N	80°18'15.88"E
	E	25°33'41.09"N	80°18'21.63"E
	F	25°33'38.43"N	80°18'18.18"E
	G	25°33'37.65"N	80°18'19.17"E
	H	25°33'36.67"N	80°18'17.43"E
I	25°33'41.12"N	80°18'11.56"E	

18. Total Geological Reserves	745088 m ³	
19. Total Mineable Reserves	447053 m ³	
20. Total Proposed Production	261972 m3/year	
21. Proposed Production/6 months	261972 m3/year	
22. Sanctioned Period of Mine lease	5 years	
23. Monitoring Season	1/10/2023 to 31/12/2023 (Post monsoon Season) Intimation letter submit to SEIAA on 23/08/2023	
24. Method of Mining	opencast, semi-mechanized	
25. No. of working days	250	
26. Working hours/day	8 hours/day	
27. No. Of workers	Approximately 21 workers	
28. No. Of vehicles movement/day	Approximately 81-82 movements per day.(Vehicles such as Truck dumper/tipper, Tractor Trolleys, etc. will be in use)	
29. Type of Land	Government Land	
30. Ultimate Depth of Mining	2.555 m as per approved mining plan	
31. Nearest metalled road from site	Bundelkhand Expressway is 2.08 Km away in South direction	
32. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking water	0.50 KLD
	Dust suppression	0.63 KLD
	Plantation	0.15 KLD
	Others (if any)	-
	Total	1.28 KLD
33. Name of QCI Accredited Consultant with QCI No And period of validity.	Environmental Research and Analysis, Lucknow (U.P) Certificate No. NABET/ EIA/ 1922/RA 0200 (Rev01) and valid upto January 21 2024	
34. Any litigation pending against the project or land in any court	No	
35. Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No. 2392/Khanij-30- Banda Issued on 31/07/2023	
36. Details of Lease Area in approved DSR	DSR Amendment Letter No. 12/Parya. Sachi. Banda Dated: 28.02.2019 Si. No-08	
37. Proposed EMP cost	250	
38. Proposed Total Project cost	8 hours/day	
39. Length and breadth of Haul Road	Approximately 21 workers	
40. No. of Trees to be Planted	Approximately 81-82 movements per day.(Vehicles such as Truck dumper/tipper, Tractor Trolleys, etc. will be in use)	

- 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 25/03/2023 mentioning is as follows:

- I, Vishnu Kumar Awasthi S/o Lt. R G Awasthi is EIA Coordinator of M/s Environmental Research and Analysis, Lucknow (U.P.), Accreditation Certificate No. NABET/ EIA/ 1922/RA 0200 (Rev 01), valid till- 21/01/2024.
- I have prepared TOR report for the Proposal No. SIA/UP/MIN/445422/2023, (FILE NO.- 8288) M/s Agastya Agro Limited Director Shri Mallampati Muraly C/o Late Shri Mallampati Rangaiah R/o – Plot no. 40, Green Park Avenue, Beside Chennai Shopping Mall, Suchitra Jeedimetla, Medchal-malkajgiri Telangana proposed “Sand/Morrum Mining Project” at part of Gata 333/7,

412,413 & 414 Khand No.04, Area 23.0 Ha Village – Maraulikhader, Tehsil & District - Banda Uttar Pradesh 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 required for TOR presentation 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.

RESOLUTION AGAINST AGENDA NO. 13

The committee discussed the matter and recommended to issue the standard terms of reference for the preparation of EIA as annexed at annexure-1 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

1. Project proponent should present latest drone videography (not older than 07 days) of the project site mentioning the date, time and geo coordinates at the time of EIA presentation.
2. Purchased KML should be presented at the time of EIA presentation.
3. NOC from Irrigation Department/Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
4. 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.
5. EIA coordinator & FAE should give a notarized 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.
6. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA/SEAC, UP before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
7. 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.
8. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
9. Combined KML of all mines in a cluster should be submitted at the time of EIA.
10. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
11. 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.
12. 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.
13. 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.

14. 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.
15. 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.
16. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.
17. 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.

14. Integrated Construction of Shiv Nadar Institution of Eminence Deemed to be University (Formerly known as Shiv Nadar University) at Industrial Area Village-Chithera Tehsil-Dadri, District- Gautam Buddha Nagar, Shiv Nadar Institution of Eminence Deemed to be University., 8290/7456/SIA/UP/INFRA2/444224/2023

RESOLUTION AGAINST AGENDA NO. 14

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 Ascenso Enviro Pvt. Ltd.

The committee observed that during the TOR presentation the committee decided to inspect the project site before appraisal of EIA report and project proponent/consultant informed accordingly to the committee. A joint committee of Dr. Shiv Om Singh, Prof. Jaswant Singh and Shri Tanzar Ullah Khan, Members SEAC and RO, UPPCB, Greater Noida to inspect the site of project proposal and provide factual status of the project.

The committee discussed the matter and decided that the project proponent/consultant makes point wise TOR presentation before the committee and final decision may taken after receipt of factual report from joint committee.

The committee also directed the Secretariat to put the matter on priority after receipt of factual report.

15. Sand/morrum mining project having lease area-12.145 ha (30.0 acres) along river Betwa in Gata No. 1064, khand no.03 at Village – Kahtahamirpur, Tehsil- Kalpi, District- Jalaun, M/s Maa Vaishno Agro Industries., 6134/SIA/UP/MIN/460026/2021

RESOLUTION AGAINST AGENDA NO. 15

During the presentation the committee noted that the matter was earlier discussed in 745th SEAC meeting dated 29/04/2023 and directed the project proponent to submit NOC from Forest Department/competent authority regarding the crocodile habitat in compliance of Hon'ble NGT order dated 27/04/2023 in appeal no. 07/2022 Ghanai Vs. SEIAA, U.P. & Ors.

The project proponent informed the committee on 25/10/2023 during the meeting that they have approached the concerned department regarding the queries raised by the committee on 29/04/2023 but have not received any response on the same. The Letter of intent (LOI) for this mining lease area has been issued by the District Magistrate Jalaun and the mining plan has been approved by DGM. In this matter committee discussed and opined that in view of the Hon'ble NGT order dated 27/04/2023 a factual report to be sought from District Magistrate Jalaun and request SEIAA to send a letter to District Magistrate Jalaun for providing the factual report for disposing the matter.

The matter will be discussed after receipt of above information on prescribed online portal.

**(Prof. Jaswant Singh)
Member**

**(Dr. Amrit Lal Haldar)
Member**

**(Dr. Shiv Om Singh)
Member**

**(Tanzar Ullah Khan)
Member**

**(Ashish Tiwari)
Member-Secretary**

**(Dr. Harikesh Bahadur Singh)
Chairman**

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-2

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 NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
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-1

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.