

Minutes of 676th SEAC-1 Meeting Dated 04/08/2022

The 676th meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 04/08/2022. Following members participated in the meeting:

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|----|----------------------------|-----------------------------|
| 1. | Shri Rajive Kumar, | Chairman, SEAC-1 |
| 2. | Dr. Brij Bihari Awasthi, | Member, SEAC-1 (through VC) |
| 3. | Shri Umesh Chandra Sharma, | Member, SEAC-1 |
| 4. | Dr. Ratan Kar, | Member, SEAC-1 |
| 5. | Shri Ashish Tiwari, | Member-Secretary, SEAC-1 |

The Chairman welcomed the members to the 676th SEAC-1 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-1 informed the committee that the agenda has been approved by the Member Secretary, SEAC-1/Director Environment. Nodal Officer, SEAC-1 placed the agenda items along with the available file and documents before the SEAC-1.

1. Expansion of Group Housing “Sharanam” at Plot No. GH-02, Sector-107, Noida, U.P., Shri Rama Sankar, M/s Great Value Project India Ltd. File No. 7181/Proposal No. SIA/UP/MIS/78947/2022

The committee was informed that an application dated 24/06/2022 (Proposal No. SIA/UP/MIS/78947/2022) was made by the project proponent M/s Great Value Project India Ltd. for environmental clearance of “Expansion of Group Housing “Sharanam” at Plot No. GH-02, Sector-107, Noida, U.P.” under violation category as per procedure laid down in MoEF&CC, Govt. of India Office Memorandum dated 7th July, 2021 regarding standard operating procedure (SoP) for identification and handling of violation cases under EIA Notification, 2006.

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 Ambiental Global Pvt. Ltd. The project proponent informed the committee that in year 2017 the expansion proposal was uploaded on Parivesh Portal vide proposal no. SIA/UP/NCP/20958/2017 (File No. 4060) to SEIAA, U.P. The chronological events of the earlier proposal are as follows:

S.N.	Events	Date
1.	Expansion proposal uploaded on Parivesh Portal for Terms of Reference	09/11/2017
2.	Terms of reference issued by SEIAA, U.P.	25/05/2018
3.	EIA report submitted by project proponent	18/09/2018
4.	EIA report listed for appraisal in SEAC meeting	15/11/2018
5.	The committee in its meeting dated 15/11/2018 directed the project proponent to submit some information regarding the project proposal.	
6.	Due to non submission of information sought by SEAC, the case was delisted from Parivesh Portal	
7.	The project proponent construct the tower I, J, K without obtaining prior Environmental Clearance	
8.	The project proponent submit the withdraw application on 04/08/2022 for earlier proposal (SIA/UP/NCP/20958/2017 (File No. 4060))	

The project proponent also informed that approximately 80% of construction work has already been completed by the project proponent without obtaining prior environmental clearance.

The Project proponent has submitted project Cost Certificate issued by Chartered Accountants, Mukesh Rai & Co., dated 02/08/2022 stating total project cost incurred is Rs. 30,10,05,000/-.

The committee observed that as per clause 12 a (i) of OM No. F.N. 22-21/2020-IA.III dated 07/07/2021 under Penalty provisions for violation cases and applications: For New Projects: Where operation has not commenced: 1% of the total Project Cost incurred upto the date of filing of application along with EIA/EPM Report has to be imposed on the project proponent. However as per clause 12.2 of OM Dated 07/07/2021 the percentage rates, as above, shall be halved if the PP suo-moto reports the such violation without such violations coming to the knowledge of the Government either on inquiry or complaint.

The committee was informed by the Secretariat that as per records available with Directorate and written communication by all concerned in the directorate, no complaint has been received in the Directorate of Environment UP till this date of meeting against the said project regarding starting of construction work at site without obtaining prior environmental clearance.

In view of the above, committee recommended to impose a penalty of Rs. 15,05,025 (0.5% of total project cost incurred up to 02/08/2022) on project proponent which has to be deposited with UPPCB before submission of EIA Report.

The committee also directed the project proponent will not start operation at the site until the Environmental Clearance is granted as per section 11 of standard operating procedure (SoP) for identification and handling of violation case under EIA Notification, 2006.

The committee also observed that the matter should also be brought to the notice of NOIDA Authority & UPPCB that no cognizance taken by them while the project proponent was constructing additional tower without environmental clearance.

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 Expansion of Group Housing “Sharanam” at Plot No. GH-02, Sector-107, Noida, U.P., M/s Great Value Project India Ltd.
2. Environmental Clearance for the existing project was issued by SEIAA, Uttar Pradesh vide letter no 983/Parya/SEAC/542/2010/AD(H)/ dated 15th April, 2011 for the Plot area 72,957.60 m² and Built-up area 1,88,411.27 m².
3. Salient features of project:

S.No.	Description	Detail Post Expansion
1.	Ground Coverage	9992.489 m ²
2.	Built-up Area	2,52,994.743 m ²
3.	Green Area	49,539.258 m ² (1015 nos. of tree proposed to be planted)
4.	Water Requirement Operational Phase	1592 KLD (Municipal Supply)
5.	Fresh Water Requirement	907 KLD
6.	Treated Water Requirement	685 KLD
7.	Wastewater Generation	1110 KLD
8.	Capacity of STP	1330 KLD
9.	Solid Waste Generation	5123.5 kg/day
10.	Parking Facilities Required Total Parking required Total Parking Proposed	2263 ECS 2450 ECS
11	Power Demand & Source	9900 kVA, Paschimanchal Vidyut Vitran Nigam Limited (PVVNL)
12	Back up	Total 8 DG set of combined capacity 5500 kVA (4 x 625 kVA + 4 x 750 kVA)
13	RWH Pits	17 pits

14	Project Cost	974.76 crore
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4. Comparative area details of existing and expansion project:

S. No.	Particulars	Existing (m ²)	Expansion (m ²)	Total (Existing + Expansion)
1	Total Plot Area	72,957.60	8255.65	81,213.25
2	Permissible Ground Coverage(@ 40%)	29,183.04	3302.26	32,485.30
3	Proposed Ground Coverage (@12.3%)	8069.11	1923.379	9992.489
4	Permissible FAR (@2.75)	2,00,633.40	22,703.40	2,23,336.80
5	Proposed FAR (@2.23)	1,37,766.65	43,284.74	1,81,051.39
6	Non-FAR (including Service area and Basement area)	50,644.62	21,298.73	71,943.35
7	Built-Up Area (5 + 6)	1,88,411.27	64,583.47	2,52,994.74
8	Basement Area (Counted in Non-FAR)	50,644.62	2751.254	53,395.87
9	Community Center (Counted in FAR)	875	1166.94	2041.94
10	Commercial/Convenient Shopping area (Counted in FAR)	Nil	38.06	38.06
11	Open area	64,888.49	6332.271	71,220.761 m ²
12	Required Green area (@50% of open area)	32,444.25	3166.135 m ²	35,610.38 m ²
13	Proposed Green area (69.55% of open area)	37,277.00 m ²	12262.258 m ²	49,539.258 m ²
14	Maximum Height of the building (m)	66.75	95.7	95.7
15	Maximum No. of Floors	G+18+Duplex	G+29	G+29
16	No. of Main DUs	1080	364	1444
17	No. of Servant Units	Nil	1200	1200

5. Total Population Break-up (Existing + Expansion):

S. No.	Particulars	Units	PPU	Total Population
1.	Main Dwelling Units:			
(a)	Residents	1444	4.5	6498
(b)	Visitors	10%		650
(c)	Staff	5%		325
2.	Servant Units:			
(a)	Residents	1200	2.25	2700
(b)	Visitors	10%		270
(c)	Staff	5%		135
3.	Community Hall (2041.94 m ²)			
(a)	Staff			47
(b)	Visitors			939
4.	Commercial/Convenient Shopping Staff (38.06 m ²)	1 person/3 m ² FAR		13
Total Population (1 + 2 + 3 + 4)				11,577

6. Water calculation details:

S. No.	Particulars	Population	Per capita water demand (LPCD)	Water Requirement (KLD)
1.	Main Dwelling Units:			
(a)	Residents	6498	135	877
(b)	Visitors	650	15	10
(c)	Staff	325	45	14.62
2.	Servant Units:			
(a)	Residents	2700	135	364.5
(b)	Visitors	270	15	4
(c)	Staff	135	45	6
3.	Community Hall (2041.94 m ²)			
(a)	Staff	47	45	2.11
(b)	Visitors	939	15	14

4.	Commercial/Convenient Shopping Staff (38.06 m ²)	13	45	0.58
Domestic Water Requirement				1293
5.	Horticulture (49,539.258 m ²)		6 l/sqm	297 KLD
6.	Make-up water for Swimming Pools (190.2 m ² + 98.6 m ²)		0.007 m/day	2.022
TOTAL WATER REQUIREMENT				1592 KLD

7. Waste water break-up:

Domestic Water Requirement	1293 KLD
Fresh Water:	907.022 KLD
Potable water (70% of domestic)	905 KLD
Make-up water for Swimming Pools	2.022 KLD
Flushing Water (30% of domestic)	386 KLD
Horticulture	297 KLD
Wastewater (80% potable + 100% flushing)	724 + 386 = 1110 KLD
STP Capacity	1330 KL

8. Solid waste generation details:

S. No.	Particulars	Population/Area	Per Capita Waste Generation (kg/c/day)	Waste generated (kg/day)
1.	Main Dwelling Units:			
(a)	Residents	6498	0.5	3249
(b)	Visitors	650	0.15	97.5
(c)	Staff	325	0.25	81
2.	Servant Units:			
(a)	Residents	2700	0.5	1350
(b)	Visitors	270	0.15	40.5
(c)	Staff	135	0.25	34
3.	Community Hall:			
(a)	Staff	47	0.25	12
(b)	Visitors	939	0.15	141
4.	Commercial/Convenient Shopping Staff	13	0.25	3
5.	Horticulture (49,539.258 m ² or 12.24 acre)		0.20 kg/acre/day	2.5
6	STP Sludge			113
TOTAL SOLID WASTE				5123.5 kg/day

9. Parking details:

Parking area proposed in Open	5101.02 m ²
Parking area required for 1 ECS	20 m ²
Parking proposed in Open	256 ECS
Parking area proposed in Basement	53,395.874 m ²
Parking area required for 1 ECS	30 m ²
Parking proposed in Basement	1780 ECS
Parking area proposed in Basement (Mechanical Parking)	12,411.67 m ²
Parking area required for 1 ECS	30 m ²
Parking proposed in Basement	414 ECS
Total Parking Proposed = 265 + 1780 + 414	2450 ECS

10. The project proposal falls under category–8(b) of EIA Notification, 2006 (as amended) and MoEF&CC, violation SoP/Office Memorandum dated 07/07/2021 for the violation project.

The consultant (EIA Coordinator) also submitted an affidavit dated 03/08/2022 mentioning as follows:-

1. I, Tarun Saharan, D/o Ranveer Saharan is EIA Coordinator of Ambiental Global Pvt. Ltd.

2. I have prepared EIA/EMP report for the proposal (File No. 7181, proposal No. SIA/UP/MIS/78947/2022), Expansion of Group Housing “Sharanam” at Plot No. GH-02, Sector-107, Noida, U.P., M/s Great Value Project India Ltd. with my team.
3. I have personally visited the site of project proposal and certify that approx. 80% construction has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information required for EIA/EMP preparations are true and correct. EC proposal under violation category has been prepared as per MoEF&CC, SoP dated 7th July, 2022.
5. I certify that this project has been uploaded for the second time on Parivesh Portal. In case the project has been uploaded again due to any reason, the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

RESOLUTION AGAINST AGENDA NO-01

The committee discussed the matter in view of MoEF&CC Violation SoP/Office Memorandum dated 07/07/2021 and recommended to issue the standard terms of reference (TOR) for the preparation of Environment Impact Assessment Report. The committee also stipulated following additional TOR points:

Additional TOR:

1. The project proponent deposit the penalty of Rs. 15,05,025/- to UPPCB, Lucknow before submission of EIA Report.
2. The committee prescribed specific Terms of Reference for the project on the assessment of ecological damage, remediation plan and natural and the community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants, and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory accredited by National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of the Council of Scientific and Industrial Research institution working in the field of environment.
3. The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The Quantum shall be recommended by the SEAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the SEAC and approval of the regulatory authority.
4. Uttar Pradesh Pollution Control Board to take action against the project proponent under the provisions of section 19 of Environment Protection Act, 1986.
5. For assessment of ecological damage with respect to air, water land and other environmental attributes, the collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
6. Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
7. Status report regarding construction/development work has already taken up shall be included.
8. Project Proponent should adopt 03 villages & develop them as model village. Name of village along with development plan should be provided at the time of EIA presentation.

Standard terms of reference:

1. Examine details of land use as per Master Plan and land use around 10 km radius of the project site. Analysis should be made based on latest satellite imagery for land use with raw images. Check on flood plain of any river.
2. Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/ villages and present status of such activities.
3. Examine baseline environmental quality along with projected incremental load due to the project.
4. Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) bio-diversity, (f) noise and vibrations, (g) socio economic and health.
5. Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area. Any obstruction of the same by the project
6. Submit the details of the trees to be felled for the project.
7. Submit the present land use and permission required for any conversion such as forest, agriculture etc.
8. Submit Roles and responsibility of the developer etc for compliance of environmental regulations under the provisions of EP Act.
9. Ground water classification as per the Central Ground Water Authority.
10. Examine the details of Source of water, water requirement, use of treated waste water and prepare a water balance chart.
11. Rain water harvesting proposals should be made with due safeguards for ground water quality. Maximize recycling of water and utilization of rain water. Examine details.
12. Examine soil characteristics and depth of ground water table for rainwater harvesting.
13. Examine details of solid waste generation treatment and its disposal.
14. Examine and submit details of use of solar energy and alternative source of energy to reduce the fossil energy consumption. Energy conservation and energy efficiency.
15. DG sets are likely to be used during construction and operational phase of the project. Emissions from DG sets must be taken into consideration while estimating the impacts on air environment. Examine and submit details.
16. Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. The plan should include the provision of link road from mining area to main road with black topping to prevent air pollution due to dust emission. Present and future traffic and transport facilities for the region should be analysed with measures for preventing traffic congestion and providing faster trouble free system to reach different destinations in the city.
17. A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.
18. Examine the details of transport of materials for construction which should include source and availability.
19. Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.
20. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
21. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
22. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
23. Examine the probable displacement/ disturbance of human/wild animal/birds settlement/migration due to impact of proposed project and suggest the suitable mitigation measures

24. There should be provision of temporary shelters for workers with provision of potable drinking water, toilet facility separate for men and women to prevent and stop open defecation at project site.
25. Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model ToR available on Ministry website "<http://moef.nic.in/Manual/Townships>".

2. Expansion of Existing unit from 70mt/day to 280mt/day having production of 89,600 MTA Billets through Electrical/ Induction Furnace at Khasra No. 140, 141, 144/240, 144/241, 144me, 189 Village – Dumduma, Tehsil Chunar, District – Mirzapur, M/s Maa Mahamaya Alloys Private Limited. File No. 7182/Proposal No. SIA/UP/IND/79159/2022

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, UP. 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 Expansion of Existing unit from 70mt/day to 280mt/day having production of 89,600 MTA Billets through Electrical/ Induction Furnace at Khasra No. 140, 141, 144/240, 144/241, 144me, 189 Village – Dumduma, Tehsil Chunar, District – Mirzapur, U.P., M/s Maa Mahamaya Alloys Private Limited.
2. Salient features of the project as submitted by the project proponent:

S. No.	Description	Details																										
1.	Nature & Size of the Project	Existing unit having production of Billets through Electrical/Induction Furnace. Production capacity: Existing capacity - 70mt/day Proposed capacity – 210mt/day Total capacity after expansion – 280mt/day																										
2.	Category of the Project	Cat. B, Item 3(a) Metallurgical industries (ferrous & non ferrous) as per EIA Notification 2006.																										
3.	Capacity of the project	89,600 MTA Billets through Electrical/Induction furnace																										
	Location Details																											
4.	Village/Location/Plot No	Khasra No. 140, 141, 144/240, 144/241, 144me, 189 Village – Dumduma																										
	Tehsil	Chunar																										
	District	Mirzapur																										
	State	Uttar Pradesh																										
	Pin	231304																										
	Geographical Coordinates	<table border="1"> <thead> <tr> <th>Pillar</th><th>Latitude</th><th>Longitude</th></tr> </thead> <tbody> <tr> <td>A</td><td>25° 5'45.83"N</td><td>82°53'1.79"E</td></tr> <tr> <td>B</td><td>25° 5'38.89"N</td><td>82°53'12.94"E</td></tr> <tr> <td>C</td><td>25° 5'39.34"N</td><td>82°53'13.10"E</td></tr> <tr> <td>D</td><td>25° 5'38.77"N</td><td>82°53'15.40"E</td></tr> <tr> <td>E</td><td>25° 5'37.92"N</td><td>82°53'15.18"E</td></tr> <tr> <td>F</td><td>25° 5'37.43"N</td><td>82°53'17.71"E</td></tr> <tr> <td>G</td><td>25° 5'34.04"N</td><td>82°53'16.53"E</td></tr> <tr> <td>H</td><td>25° 5'35.79"N</td><td>82°53'9.74"E</td></tr> </tbody> </table>	Pillar	Latitude	Longitude	A	25° 5'45.83"N	82°53'1.79"E	B	25° 5'38.89"N	82°53'12.94"E	C	25° 5'39.34"N	82°53'13.10"E	D	25° 5'38.77"N	82°53'15.40"E	E	25° 5'37.92"N	82°53'15.18"E	F	25° 5'37.43"N	82°53'17.71"E	G	25° 5'34.04"N	82°53'16.53"E	H	25° 5'35.79"N
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H	25° 5'35.79"N	82°53'9.74"E																										
5.	Plot Area	24250 Sqm (2.425ha)																										
6.	Water demand/ Requirement	Total requirement of water : 6.0 KLD Fresh water demand: -- 6.0 KLD (domestic- 2.0 KLD ; cooling use : 3.0 KLD ; Other																										

		(Plantation – 1.0 KLD) Source: Municipal Water supply
7.	Furnace	Total no of Induction/electrical Furnace =04 (i) Existing Furnace – 01 Induction Furnace (12.0 ton/heat) (ii) Proposed Furnace – 03 Induction/electrical furnace (8.0 ton/heat)
8.	Fuel Requirement	Nil. The furnace will be Electrical and Induction furnace will be used for the production of billets, so there is no need of fuel requirement.
9.	Raw Material	Scrap and sponge iron as per required for making Billets 280MT/day
10.	Power Requirement and source	Electrical load – 9000 KW Source of power Supply – Uttar Pradesh Power Corporation Limited
11.	DG Power Capacity	500 KVA
12.	Employment potential	50
13.	Total Working Days	320
14.	Project Cost	12 Crore

3. Land use details:

S. No	Particulars	Areas (m ²)	%
1	Work Shed Area	15278.0	63.0
2	Green Area	8002.5	33.0
3	Paved Area	630.5	2.60
4	Open Area	339.5	1.40
		24250	100

4. Water and waste water details:

S. No	Activity	Required (KLD)	Quantity	Waste Water Generation (KLD)
1	Domestic	2		No waste water is generated in industrial process. The fresh water requirement of plant is 6.0 KLD (including domestic). Domestic waste water: Domestic waste water generated from the project activities will be disposed to septic tank followed by soak pit
2	Cooling Tower	3		
3	Gardening	1		
	Total	6 KLD		

5. The project proposal falls under category-3(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 28/07/2022 mentioning is as follows:

1. I Dr. Shibeshwar Prasad, S/o Dr. Bisheshwar Prasad EIA Coordinator of Paramarsh (Servicing Environment and Development).
2. I have prepared the Form-1, 1A, report for the File No. 7182, Proposal No. SIA/UP/IND/79159/2022, of the client Shri Kaliash agrawal, Director for the Expansion of Existing unit from 70mt/day to 280mt/day having production of 89,600 MTA Billets through Electrical/ Induction Furnace at Khasra No. 140, 141, 144/240, 144/241, 144me, 189 Village – Dumduma, Tehsil Chunar, District – Mirzapur, U.P., M/s Maa Mahamaya Alloys Private Limited with my team.
3. I have personally visited the site of proposal and certify that no construction activity has been undertaken on the project site in the expansion area for the present proposal.
4. I am satisfied that all the necessary data/ information submitted along with Application /EIA/EMP are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal. In case the project is being uploaded for the 2nd time that is only after the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.

6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EIA/EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 02

The committee discussed the matter and recommended to issue standard terms of reference prescribed by MoEFCC along with additional TOR for the preparation of EIA:

Additional TOR:

1. Compliance report of CTO for existing unit issued by UPPCB.
2. Complete plan/proposal for slag utilization to be prepared and submitted.
3. Proposal for Air pollution control system along with primary and secondary system to control fugitive emissions to be submitted.
4. Existing green belt detail and proposed plantation along with map to be submitted.
5. Photographs of existing plan along with air pollution control system to be provided
6. Layout map indicating existing unit as well as proposed unit indicating storage area, plant area, utilities etc.
7. Monitoring site photographs along with person, date, time and place with geo coordinates should be submitted.

Standard terms of reference:

- 1) Executive Summary.
- 2) Introduction
 - i. Details of the EIA Consultant including NABET accreditation
 - ii. Information about the project proponent
 - iii. Importance and benefits of the project
- 3) Project Description
 - i. Comparative details of existing plant and proposed expansion.
 - ii. Cost of project and time of completion.
 - iii. Products with capacities for the proposed project.
 - iv. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any
 - v. List of raw materials required and their source along with mode of transportation.
 - vi. Other chemicals and materials required with quantities and storage capacities
 - vii. Details of Emission, effluents, hazardous waste generation and their management.
 - viii. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)
 - ix. Process description along with major equipments and machineries, process flow sheet (quantitative) from raw material to products to be provided
 - x. Hazard identification and details of proposed safety systems.
 - xi. Expansion/modernization proposals:
 - xii. Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MOEF/SEIAA shall be attached as an Annexure. A certified copy of the latest Monitoring Report of the Regional Office of the Ministry of Environment and Forests as per circular dated 30th May, 2012 on the status of compliance of conditions stipulated in all the existing environmental clearances including Amendments shall be provided. In addition,

status of compliance of Consent to Operate for the ongoing existing operation of the project from SPCB shall be attached with the EIA-EMP report.

- xiii. In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 2006 shall be provided. Copies of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.

4) Site Details

- i. Location of the project site covering village, Taluka/Tehsil, District and State, Justification for selecting the site, whether other sites were considered.
- ii. A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places)
- iii. Details w.r.t. option analysis for selection of site
- iv. Co-ordinates (lat-long) of all four corners of the site.
- v. Google map-Earth downloaded of the project site.
- vi. Layout maps indicating existing unit as well as proposed unit indicating storage area, plant area, greenbelt area, utilities etc. If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
- vii. Photographs of the proposed plant site. If existing, show photographs of plantation/greenbelt, in particular.
- viii. Landuse break-up of total land of the project site (identified and acquired), government/private - agricultural, forest, wasteland, water bodies, settlements, etc shall be included. (not required for industrial area)
- ix. A list of major industries with name and type within study area (10km radius) shall be incorporated. Land use details of the study area.
- x. Geological features and Geo-hydrological status of the study area shall be included.
- xi. Details of Drainage of the project upto 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)
- xii. Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
- xiii. R&R details in respect of land in line with state Government policy.

5) Forest and wildlife related issues (if applicable):

- i. Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable)
- ii. Land use map based on High resolution satellite imagery (GPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha)
- iii. Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.
- iv. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon
- v. Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule I fauna, if any exists in the study area

- vi. Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife

6) Environmental Status

- I. Determination of atmospheric inversion level at the project site and site-specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.
- II. AAQ data (except monsoon) at 8 locations for PM10, PM2.5, SO₂, NO_x, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre-dominant wind direction, population zone and sensitive receptors including reserved forests.
- III. Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAAQM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.
- IV. Surface water quality of nearby River (100m upstream and downstream of discharge point) and other surface drains at eight locations as per CPCB/MoEF&CC guidelines.
- V. Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF&CC, if yes give details.
- VI. Ground water monitoring at minimum at 8 locations shall be included.
- VII. Noise levels monitoring at 8 locations within the study area.
- VIII. Soil Characteristic as per CPCB guidelines.
- IX. Traffic study of the area, type of vehicles, frequency of vehicles for transportation of materials, additional traffic due to proposed project, parking arrangement etc.
- X. Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule-I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.
- XI. Socio-economic status of the study area.

7) Impact and Environment Management Plan

- I. Assessment of ground level concentration of pollutants from the stack emission based on site specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modelling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be assessed. Details of the model used and the input data used for modelling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.
- II. Water Quality modelling - in case of discharge in water body
- III. Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor cum-rail transport shall be examined.
- IV. A note on treatment of wastewater from different plant operations, extent recycled and reused for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under E(P) Rules.
- V. Details of stack emission and action plan for control of emissions to meet standards.
- VI. Measures for fugitive emission control

- VII. Details of hazardous waste generation and their storage, utilization and management. Copies of MOU regarding utilization of solid and hazardous waste in cement plant shall also be included. EMP shall include the concept of waste minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
- VIII. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
- IX. Action plan for the green belt development plan in 33 % area i.e. land with not less than 1,500 trees per ha. Giving details of species, width of plantation, planning schedule etc. shall be included. The green belt shall be around the project boundary and a scheme for greening of the roads used for the project shall also be incorporated.
- X. Action plan for rainwater harvesting measures at plant site shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the ground water and also to use for the various activities at the project site to conserve fresh water and reduce the water requirement from other sources.
- XI. Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
- XII. Action plan for post-project environmental monitoring shall be submitted.
- XIII. Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with District Disaster Management Plan.

8) Occupational Health:

- I. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers
- II. Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above mentioned parameters as per age, sex, duration of exposure and department wise.
- III. Details of existing Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be preserved,
- IV. Annual report of health status of workers with special reference to Occupational Health and Safety.

9) Corporate Environment Policy

- I. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
- II. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions? If so, it may be detailed in the EIA.
- III. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
- IV. Does the company have 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? This reporting mechanism shall be detailed in the EIA report.

- 10) Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.
- 11) Enterprise Social Commitment (ESC)
- I. Adequate funds (at least 2.5 % of the project cost) shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be included. Socio-economic development activities need to be elaborated upon.
- 12) Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.
- 13) A tabular chart with index for point wise compliance of above TOR.
1. Complete process flow diagram describing each unit, its processes and operations, along with material and energy inputs & outputs (material and energy balance).
 2. Details on blast furnace/ open hearth furnace/ basic oxygen furnace/ladle refining, casting and rolling plants etc.
 3. Details on installation/activation of opacity meters with recording with proper calibration system
 4. Details on toxic metals including mercury, arsenic and fluoride emissions
 5. Details on stack height requirement for integrated steel
 6. Details on ash disposal and management -Non-ferrous metal
 7. Complete process flow diagram describing production of lead/zinc/copper/ aluminium, etc.
 8. Raw materials substitution or elimination
 9. Details on smelting, thermal refining, melting, slag fuming, and Waelz kiln operation
 10. Details on Holding and de-gassing of molten metal from primary and secondary aluminum, materials pre-treatment, and from melting and smelting of secondary aluminium
 11. Details on solvent recycling
 12. Details on precious metals recovery
 13. Details on composition, generation and utilization of waste/fuel gases from coke oven plant and their utilization.
 14. Details on toxic metal content in the waste material and its composition and end use (particularly of slag).
 15. Trace metals Mercury, arsenic and fluoride emissions in the raw material.
 16. Trace metals in waste material especially slag.
 17. Plan for trace metal recovery
 18. Trace metals in water

3. Township Project "Gaur Yamuna City" at sector-19, Yamuna Expressway, YEIDA, Greater Noida, U.P., M/s Gaursons Realtech Pvt. Ltd. Shri Devenra Bhandari. File No. 1657/Proposal No. SIA/UP/MIS/280537/2022

The committee noted that the environmental clearance for the proposal was issued by SEIAA, U.P. vide letter no. 2093/PARYA/SEAC / 1657 / 2013/JDCA(S) /PART-1 dated 12/10/2013 for plot area 101.227 Ha (approx. 1012270 m²) & built-up area 7,66,538.28 m². The project proponent through letter dated 02/08/2022 informed that due to changes in the layout of the Project, the Company would like to revise the layout and design with changes in no. of Group Housing Projects to

the Plotted Land. Hence, the project proponent applied for amendment in environmental clearance through online Parivesh portal on 29/06/2022.

A presentation was made by the project proponent along with their consultant M/s Environmental and Technical Research Centre. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The Environmental clearance is sought for Township Project "Gaur Yamuna City" at sector-19, Yamuna Expressway, YEIDA, Greater Noida, U.P., M/s Gaursons Realtech Pvt.
2. Details of existing EC and proposed amendment in E.C letter dated 12/10/2013:

Items	Details mentioned in Existing EC	Details of proposed amendment
Total Plot area	10,12,200.00 m ²	10,12,200.00 m ²
Permissible Ground coverage	3, 54,279.45 m ² (35%)	3, 54,279.45 m ² (35%)
Proposed Ground coverage including Residential: Community Hall, club, facilities:	2, 53,056.75(25 %)	2, 53,056.75(25 %)
Permissible Floor Area	24,40,844.00 m ²	15,18,300.00 m ²
Proposed FAR	Less than permissible	Less than permissible
Proposed NON-FAR area (basement + stilt)	13,25,694.28 m ²	1,20,204.00 m ²
Total Built up area	37,66,538.28 m ²	17,46,245.00 m ²
Permissible-Residential Units	18433	11111
Proposed-Residential Units	Less than permissible	Less than permissible
Proposed Green area	151834.05 m ² (15%)	1,69,684.25 m ² (+1,35,272.97 M ²)
No. of trees Required:	Open area/100 m ² = 759170.25 /100 =7591.70 or 7592 Trees	Open area/100 m ² = 759170.25 /100 =7591.70 or 7592 Trees
Proposed no. of trees	8000 Trees	8000 Trees
Height	150.00 M	150.00 M
Parking facilities	As per layout Plan	As per layout Plan
Power requirement& source	186.40 MVA, UPPCL.	71.34 MVA, UP Power Corporation Ltd. Ltd.
Power backup	Power back with 150x1250 KVA=187.50 MVA	Power back with 57x1250KVA= 71.25 MVA
Water requirement & source	Total water requirement: 9733.03KLD (Fresh water: 7287.42 KLD and water received from CSTP)	Total water requirement: 6213 KLD (Fresh water: 4077 KLD and water 2136 KLD received from CSTP)
Sewage treatment & disposal	Waste water: 7664.96 KLD treated in CSTP of the Project (2445.61 KLD used in recycling and rest discharged to municipal sewer)	Waste water: 4970.4 KLD treated in CSTP of the Project (2136 KLD used in recycling, 134 KLD used in horticulture and rest discharged to municipal sewer)
Total solid waste generated	23 Tons/ day	17.42 Tons/ day
Estimated population to step in	82,949	50,000

The project proponent requested to amend the environmental clearance dated 12/10/2013 as per above project details.

RESOLUTION AGAINST AGENDA NO-03

The committee discussed the matter and recommended to amend the environmental clearance letter no. 2093/PARYA/SEAC/1657/2013/JDCA(S)/PART-1 dated 12/10/2013 as per above project details. The committee also directed the project proponent that all the contents mentioned in Environmental Clearance letter dated 12/10/2013 shall remain the same. The amended environmental clearance is valid upto 11/10/2023.

4. Sand Mining at Yamuna River Bed, Khand No.06,Vill.Maghiyari Bhambhor, Tehsil-Bara, District-Prayagraj, U.P., Shri Chandrajeet Kushwaha, M/s Tara Enterprises, Area: 10.0 ha. File No. 7169/Proposal No. SIA/UP/MIN/77353/2022

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 Geogreen Enviro House 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 terms of reference is sought for Sand Mining at Yamuna River Bed, Khand No.06, Vill. Maghiyari Bhambhor, Tehsil-Bara, District-Prayagraj, U.P., (Leased Area: 10.0 ha.), M/s Tara Enterprises.

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

1.	On Line Proposal No.	SIA/UP/MIN/77353/2022		
2.	File No. Allotted By SEIAA, UP	7169		
3.	Name Of Proponent	M/s. Tara Enterprises Mr.Chandrajeet Kushwaha S/O Sh. Mithai Lal Kushwaha		
4.	Full Correspondence Address Of Proponent And Mobile Number	R/o 51, R.K Puram, Havelia, Aawas Vikas, Jhuns, District- Prayagraj, U.P		
5.	Name Of Project	Ordinary Sand Mining Project		
6.	Project Location (Plot/Khasra/Gata No.)	located at Yamuna River Bed, Khand No. 06, Village – Maghiyari, Bhambhor, Tehsil – Bara,District - Prayagraj, U.P.		
7.	Name of River	Yamuna River		
8.	Name of Village	Maghiyari, Bhambhor		
9.	Tehsil	Bara		
10.	District	Prayagraj		
11.	Name Of Minor Mineral	Ordinary Sand		
12.	Sanctioned Lease Area	10.0 Ha.		
13.	Mineable Area	9.0 Ha		
14.	Max. & Min mRL Within Lease Area	Max. 77 mRL& Min 72mRL		
15.	Pillar Coordinates (Verified By DMO)	Boundary Point	Latitude (N)	Longitude (E)
		A	25° 20.529' N	81° 37.268' E
		B	25° 20.615' N	81° 37.188' E
		C	25° 20.625' N	81° 37.486' E
		D	25° 20.710' N	81° 37.411' E
16.	Total Geological Reserve	3,00,000 Cu m		
17.	Mineable Reserve	1,60,000 Cu.m/year		
18.	Total Proposed Production as per LOI	1,60,000 Cu.m/year		
19.	Proposed Production	1,60,000 Cu.m/year		
20.	Sanctioned Period Of Mine Lease	05 Years		
21.	Production of Mine/Day	533.33 cum/day		
22.	Method of Mining	Open Cast Manual & Semi mechanized		
23.	No. of Working Days	270		
24.	Working Hours/Day	08 hrs max (Day Time)		
25.	No. of Workers	55		
26.	No. of Vehicles Movement/Day	16 trucks/dumper twice a day		
27.	Type of Land	Govt. Land /Non forest		
28.	Ultimate Depth of Mining	3m or above the ground water table whichever comes first		
29.	Nearest Metalled Road From Site	Newada Road – 3.95, KM towards NNW direction		
30.	Water Requirement	Purpose	Requirement (Kld)	

		Drinking Water	0.825 KLD
		Dust suppression	2.40 KLD
		Plantation	0.12 KLD
		Total	3.345 KLD
31.	Name of The QCI Accredited Consultant With QCI No. And Period Of Validity	GEOGREEN ENVIRO HOUSE PVT LTD NABET/EIA/2124/RA0215 Valid till Feb 24, 2024	
32.	Any Litigation Pending Against The Project Or Land In Any Court.	No	
33.	Details Of 500m Cluster Map & Certificate Verified By Mining Officer	Letter No 988/Khanij/2022-23 dated 28/06/2022	
34.	Details Of Lease Area In Approved DSR	10.0 Ha.	
35.	Length And Breadth Of Haul Road	500.0 m x 3.0 m	
36.	No. of trees to be planted	1000 Saplings/yr	

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 02/08/2022 mentioning is as follows:

1. I, Vinay Kumar Mishra S/o Shri Akhila Nand Mishra is EIA Coordinator of Geogreen Enviro House Pvt. Ltd. Lucknow.
2. I have prepared EIA/EMP report for the Proposal (SIA/UP/MIN/77353/2022) File No. 7169 of M/s Tara Enterprises with my team.
3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with application/EIA/EMP are true and correct.
5. I certify that this project has been uploaded for the first time on Parivesh Portal. In case the project has been uploaded again due to any reason, the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EIA/EMP report for the proposal is prepared by my team as per guidelines 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-2 to the minutes. The committee also stipulated following additional TOR Points:

Additional TOR:

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

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

2. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in for 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.
4. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
5. Combined KML of all mines in a cluster should be submitted at the time of EIA.
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. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
8. 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.
9. 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.
10. 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.
11. 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.
12. 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.
13. Revised Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

5. Stone (Khanda, Boulder, Bailast (Gitti) Mining at Arazi No.-464 (Khand-01), Vill.-Pahara, Tehsil-Garautha, Jhansi, Shri Deeraj Kumar Prajapati, Area 1.618 ha. File No. 7170/Proposal No. SIA/UP/MIN/281081/2022

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 Cognizance Research India 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 are sought for Pahara Building Stone (Khanda, Boulder, Bailast) Mine at Arazi No. 464 (Khand-01), Village-Pahara, Tehsil-Garautha, District - Jhansi, U.P., (Leased Area : 1.618 ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/ 281081 /2022
2. File No. allotted by SEIAA, UP	7170
3. Name of Proponent	Prop. Shri Dheeraj Kumar Prajapati S/o Shri Jitendra Kumar Prajapati

4.	Full correspondence address of proponent and mobile No.	R/o H.no. 511, New Basti, District: Jhansi, Uttar Pradesh.		
		Mobile No-		
		Email-		
5.	Name of Project	Pahara Building Stone (Khanda, Boulder, Bailast Mining project		
6.	Project location (Plot/Khasra/Gata No.)	Arazi No. 464 (Khand 01)		
7.	Name of River	-		
8.	Name of Village	Pahara		
9.	Tehsil	Garautha		
10.	District	Jhansi		
11.	Name of Minor Mineral	Building Stone (Khanda, Boulder, Bailast)		
12.	Sanctioned Lease Area (in Ha.)	1.214		
13.	Max & Min mRL within lease area	Max- 204 mRL and Min- 198 mRL		
14.	Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area		
		Pillar No.	Latitude	Longitude
		A	25°45'26.29"N	79°17'39.16"E
		B	25°45'24.75"N	79°17'43.88"E
		C	25°45'27.26"N	79°17'44.92"E
		D	25°45'30.53"N	79°17'42.14"E
		E	25°45'29.91"N	79°17'40.72"E
15.	Total Geological Reserves	7,89,030 cum		
16.	Total Mineable Reserves in LOI	32,360 cum/year		
17.	Total Proposed Production	32,360 cum/year		
18.	Proposed Production/year	32,360 cum/year		
19.	Sanctioned Period of Mine lease	Maximum 20 years		
20.	Method of Mining	Open Cast Semi-mechanized Method		
21.	No. of working days	260 days		
22.	Working hours/day	8 hrs		
23.	No. of workers	27		
24.	No. of vehicles movement/day	18		
25.	Type of Land	Government waste land		
26.	Ultimate Depth of Mining	54		
27.	Nearest metalled road from site	.60 km		
28.	Water Requirement	PURPOSE		REQUIREMENT (KLD)
		Drinking		0.27
		Suppression of dust		3.04
		Plantation		3.24
		Others (if any)		0.27
		Total		6.82
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt. Ltd. 1922, validity= October 25, 2022		
30.	Any litigation pending against the project or land in any court	No		
31.	Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified		
32.	Details of Lease Area in approved DSR	Yes, given in the DSR		
33.	Proposed CER cost	Rs 1,46,202/-		
34.	Proposed EMP cost	Capital cost- Rs 20,87,802 /- including CER Recurring cost- Rs 4,08,000 /-		
35.	Length and breadth of Haul Road	Length: 0.253 km, width: 6 m		
36.	No. of Trees to be Planted	1618 plants		

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 28/07/2022 mentioning is as follows:

1. I, Ankur Sharma S/o Lalit Mohan Sharma is EIA Coordinator of Cognizance Research India Pvt. Ltd.
2. I have prepared Form-1, PFR, and EMP (EC Application) of project for the Proposal (SIA/UP/MIN/281081/2022), File No. 7170 of Pahara Building Stone (Khanda, Boulder, Bailast (Gitti) Mining project located at Arazi No 464 (Khand-01) Village- Pahara, Tehsil- Garautha, District- Jhansi, 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 am satisfied with that all the necessary data/information submitted along with application/EIA/EMP 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 submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EIA/EMP report for the proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 05

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

1. The project proponent shall install solar light in their site office.
2. 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.
3. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
4. The maximum height of the bench should be 06 meters and the width of the bench should be at least twice the height of the bench as per the mine plan approval letter by DGM, U.P
5. In case the blasting is proposed during a mining operation, the project proponent needs to assess its impact on the displacement of human beings/wild animals/birds/other species, and the suitable measures proposed and taken for their rehabilitation and resettlement need to be clearly described in first 6 monthly compliance report.
6. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3years before the closure of the mine to SEIAA, UP and Department of Mines and Geology, UP for approval. The project proponent shall ensure the implementation of the approved plan under the supervision of the Dept. of Mines and Geology.

7. The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flow from the quarry area. The surface runoff rainwater harvesting and other water conservation measures on a long-term basis are to be taken in consultation with the Central/State Groundwater Board. The water so collected should be utilized for watering the haulage area, roads, and green belt development, etc.
8. The project proponent shall take all suitable measures to prevent pollution of groundwater and nearby water bodies in consultation with the State Pollution Control Board and consent to operate (if applicable) should be obtained from the State Pollution Control Board before the start of production from the mine.
9. 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.
10. 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.
11. The project proponent should explore the possibilities of rainwater harvesting.

6. Expansion of Institutional Building “Eye of Noida (EON)” at Plot No.01A, Sector-140A, Noida., Shri Rajiv Kumar, M/s Fairfax IT Infra Pvt. Ltd. File No. 7172/6986/Proposal No. SIA/UP/MIS/79155/2022

RESOLUTION AGAINST AGENDA NO. 06

The project proponent vide letter dated 04/08/2022 have requested to defer the matter in next SEAC meeting. The committee discussed the letter and directed to defer the matter as per request made by project proponent. The matter shall be discussed after submission of online request from prescribed portal.

7. Khanda Boulder (Dolo Stone) Mining at Arazi No. 5480Mi, 5423, 5479, 5478, Village-Billi Markundi, Tehsil-Obra, Sonbhadra, Smt Rinki Srivastava, Area - 1.935 ha. File No. 7018/Proposal No. SIA/UP/MIN/74781/2022

The committee noted that the matter was earlier listed in 655th SEAC meeting dated 18/05/2022 and the committee directed is as follows:

“The project proponent & EIA coordinator will personally visit the site and certify that the proper monitoring is being carried out. The case should be taken only after getting this certificate from project proponent and EIA coordinator.”

The project proponent submitted their replies through online portal on 29/06/2022 and the matter was listed in 676th SEAC meeting dated 04/08/2022. 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 GreencIndia Consulting 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 terms of reference is sought for Khanda Boulder (Dolo Stone) Mining at Arazi No. 5480Mi, 5423, 5479, 5478, Village-Billi Markundi, Tehsil-Obra, Sonbhadra, U.P., (Leased Area - 1.935 ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/74781/2022
2. File No. allotted by SEIAA, UP	7018
3. Name of Applicant	Owner: Smt Rinki Srivastava

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4. Full correspondence address of proponent and mobile no.	GF, 05, Signature Square Building, Digree College, Shiv Nagar Colony Obra, Sonbhadra, Uttar Pradesh, 231219		
5. Name of Project	Billi Markundi Dolostone Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Village – Billi Markundi, Araj No. 5480Mi, 5423, 5479, 5478, Tehsil- Obra, District- Sonbhadra, State- Uttar Pradesh.		
7. Name of Minor Mineral	Minor Mineral - Khanda Boulder (Dolostone)		
8. Sanctioned Lease Area (in Ha.)	1.935 Ha.		
9. Mineable Area (in Ha.)	1.935 Ha.		
10. Capacity of the project	44,354 cum / year		
11. Max. & Min mRL within lease area	200-197 mRL.		
12. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	Total Lease Area Coordinate (1.935 ha)		
	A	24°28'56.08"N	83°0'22.46"E
	B	24°28'53.99"N	83°0'21.70"E
	C	24°28'53.49"N	83°0'23.05"E
	D	24°28'51.58"N	83°0'21.93"E
	E	24°28'51.91"N	83°0'21.35"E
	F	24°28'50.96"N	83°0'20.80"E
	G	24°28'49.46"N	83°0'23.92"E
	H	24°28'48.72"N	83°0'23.52"E
	I	24°28'48.10"N	83°0'23.47"E
	J	24°28'47.82"N	83°0'23.12"E
	K	24°28'47.87"N	83°0'21.64"E
	L	24°28'48.76"N	83°0'20.99"E
	M	24°28'49.39"N	83°0'21.22"E
	N	24°28'44.95"N	83°0'20.19"E
	O	24°28'50.78"N	83°0'19.24"E
	P	24°28'51.46"N	83°0'18.87"E
	Q	24°28'51.95"N	83°0'18.01"E
	R	24°28'52.84"N	83°0'17.47"E
13. Total Geological Reserves	5,66,780 m ³		
14. Total Mineable Reserves	2,56,419 m ³		
15. Proposed Production/year (as per Lol)	44,354 m ³		
16. Total Production (5 Years)	2,21,770 m ³		
17. Sanctioned Period of Mine lease	5 Years		
18. Production of mine/day	177.416 m ³ /Day		
19. Method of Mining	Open cast Semi-mechanized mining		
20. No. of working days	250 days/ Year		
21. Working hours/day	12 Hours		
22. No. Of workers	52		
23. No. Of vehicles movement/day	15		
24. Type of Land	Private Waste Land		
25. Depth of Mining as per approved Mine Plan	24.00 m		
26. Nearest metaled road from site	200 m		
27. Water Requirement	Purposes	Requirement (KLD)	
	Drinking	0.52	
	Suppression of dust	0.84	
	Plantation	8.00	
	Others (if any)	0.00	
	Total	9.36	
28. Name of QCI Accredited Consultant with QCI No and period of validity.	GreencIndia Consulting Pvt Ltd. NABET/EIA/1619/RA0058 valid till 27/10/2022		
29. Any litigation pending against the project or land in any court	No		
30. Details of 500 m Cluster Map & certificate verified by Mining Officer	6089/Khanij /2022 dated 10 th Feb, 2022		
31. Length and breadth of Haul Road	Length 200 m, Width 6.0 m		

32. 31. Proposed CER Cost	Rs. 2,13,000/-
33. 32. Proposed Project Cost	Rs. 1,06,65,950/-
34. No. of Trees to be planted	2000 Trees

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 16/05/2022 mentioning is as follows:

1. I, Brij Mohan Singh Negi, S/o K.S. Negi is EIA Coordinator of Green C India Consulting Pvt. Ltd.
2. I have prepared TOR project for the Proposal (SIA/UP/MIN/74781/2022) Khanda Boulder (Dolo Stone) Mining at Arazi No. 5480Mi, 5423, 5479, 5478, Village-Billi Markundi, Tehsil-Obra, Sonbhadra, U.P., (Leased Area - 1.935 ha.) with my team.
3. I have personally visited the site of proposal.
4. I have satisfied with that all the necessary data/information required for TOR project preparations are true and correct.
5. I certify that no mining activity has been undertaken on the project site for the present proposal.
6. I certify that this project has been uploaded for the first time on Parivesh Portal. In case the project has been uploaded again due to any reason, the withdrawal of previous project has been accepted by SEIAA, UP on Parivesh Portal.
7. I certify that there is no mismatch between information/data provided on online application and hard copy/presentation submitted.

RESOLUTION AGAINST AGENDA NO. 07

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

Additional TOR:

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in for 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.
2. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
3. Combined KML of all mines in a cluster should be submitted at the time of EIA.
4. 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.
5. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
6. 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.

7. 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.
8. 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.
9. 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.
10. 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.
11. Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

8. Sand Mining from Yamuna River bed at Gata No.- 638, 637Mi, 635, 636Mi, 632Mi, 631Mi, 633, 634, 614Mi, 612Mi, 615, 611Mi, 602Mi, 603Mi, 604, 605Mi, 606Mi Village-Jhuppa, Tehsil-Jewar, District-Gautam Buddha Nagar, Shri Pravendra Singh., M/s Garvit Hospitality and Infracon Pvt Ltd, Area: 17.159 ha. File No. 7086/Proposal No. SIA/UP/MIN/76947/2022

The committee noted that the matter was earlier listed in 661st SEAC meeting dated 07/06/2022 and the project proponent did not appear in the meeting and the committee directed that project file should be closed and be opened only after request from the project proponent. The project proponent through online portal on 05/07/2022 has requested to list the matter in next SEAC meeting and the matter was listed in 676th SEAC meeting dated 04/08/2022.

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 Cognizance Research India 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 terms of reference is sought for Ordinary Sand Mining project on Yamuna Riverbed at Gata No. 638, 637Mi, 635, 636Mi, 632Mi, 631Mi, 633, 634, 614Mi, 612Mi, 615, 611Mi, 602Mi, 603Mi, 604, 605Mi, 606Mi, Village-Jhuppa, Tehsil-Jewar, District-Gautam Buddha Nagar, Uttar Pradesh, (Leased Area: 17.159 ha.), M/s Garvit Hospitality and Infracon Pvt Ltd.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/76947/2022
2.	File No. allotted by SEIAA, UP	7086
3.	Name of Proponent	M/s Garvit Hospitality and Infracon Pvt Ltd Prop. Shri Pravendra Singh S/o Shri Vishan Singh
4.	Full correspondence address of proponent and mobile No.	Registered Address: R/o 650 CIC Campus Jokaanbaug, Jhansi, Uttar Pradesh-284001. Mobile No- Email-
5.	Name of Project	Ordinary Sand Mining project on Yamuna Riverbed
6.	Project location (Plot/Khasra/Gata No.)	Gata No. 638, 637Mi, 635, 636Mi, 632Mi, 631Mi, 633, 634, 614Mi, 612Mi, 615, 611Mi, 602Mi, 603Mi, 604, 605Mi, 606Mi
7.	Name of River	Yamuna
8.	Name of Village	Jhuppa
9.	Tehsil	Jewar
10.	District	Gautam Buddha Nagar
11.	Name of Minor Mineral	Ordinary Sand
12.	Sanctioned Lease Area (in Ha.)	17.159

13.	Max & Min mRL within lease area	Max- 185mRL and Min-182mRL	
14.	Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area	
		Pillar No.	Latitude
		A	28° 6'1.73"N
		B	28° 6'4.73"N
		C	28° 6'0.88"N
		D	28° 5'57.01"N
		E	28° 5'59.59"N
		F	28° 6'10.80"N
		G	28° 6'9.60"N
15.	Total Geological Reserves	4,19,421 cum	
16.	Total Mineable Reserves in LOI	2,57,532 cum/year	
17.	Total Proposed Production	2,57,532 cum/year	
18.	Proposed Production/year	2,57,532 cum/year	
19.	Sanctioned Period of Mine lease	3 years	
20.	Method of Mining	Open Cast Semi-mechanized Method	
21.	No. of working days	260 days	
22.	Working hours/day	8 hrs	
23.	No. of workers	51	
24.	No. of vehicles movement/day	75	
25.	Type of Land	Government waste land	
26.	Ultimate Depth of Mining	2.2	
27.	Nearest metalled road from site	1.0 km	
28.	Water Requirement	PURPOSE	REQUIREMENT (KLD)
		Drinking	0.51
		Suppression of dust	8.4
		Plantation	17.159
		Others (if any)	0.51
		Total	26.579
29.	Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt. Ltd. 1922, validity= 25-10-2022	
30.	Any litigation pending against the project or land in any court	No	
31.	Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes given by Mining officer	
32.	Details of Lease Area in approved DSR	Yes area is in DSR	
33.	Proposed CER cost	Rs 1,70,000 /-	
34.	Proposed EMP cost	EMP Capital cost =Plantation cost (Rs. 1,71,59,000) + CER (Rs. 1,70,000) = Rs 1,73,29,000/- EMP Recurring Cost =Rs 7,90,200/-	
35.	Length and breadth of Haul Road	Length: 0.7 km, width: 6 m	
36.	No. of Trees to be Planted	17159 plants	

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-I(a) of EIA Notification, 2006 (as amended).

The consultant (EIA Coordinator) also submitted an affidavit dated 29/07/2022 mentioning is as follows:

1. I, Ankur Sharma S/o Lalit Mohan Sharma is EIA Coordinator of Cognizance Research India Pvt. Ltd.
2. I have prepared TOR project for the Proposal (SIA/UP/MIN/78859/2022) File No. 7164 of Ordinary Sand Mining at Gata No. 784 Mi, Village- Kishunpur, Tehsil- Bhognipur, District- Kanpur Nagar, U.P., M/s Jai Mahakal Exploration Pvt. Ltd., (Leased Area 5.96 ha) with my team.
3. I have personally visited the site of proposal and certify that no mining activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with application/EIA/EMP 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 submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EIA/EMP report for the proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 08

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

Additional TOR:

1. In compliance of Hon'ble NGT Order dated 06.05.2022, for subsequent years, Project Proponent shall submit fresh annual replenishment study to SEIAA, UP for amendment in EC for mineable quantity and maximum permissible depth for mining based on scientific findings of replenishment study. Such study shall be placed before SEAC for appraisal for next three years to assess rate of deposition and accordingly, mineable production capacity and depth can be prescribed based on trends analysis, provided it is found scientifically satisfactory by the SEAC. The placing of the study report SEAC is mandatory for initial three years.
2. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be submitted at the time of EIA presentation.
3. To ensure proper monitoring, the project proponent/consultant should provide evidence in for 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.
4. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
5. Combined KML of all mines in a cluster should be submitted at the time of EIA.
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. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
8. 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.
9. 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.

10. 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.
11. 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.
12. 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.
13. Revised Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

9. Building Stone (Sand Stone) Mining Project at Araj No - 399, Village: Jigna, Tehsil-Chunar, Mirzapur, Shri Om Prakash Singh. Area- 0.606 Ha. File No. 6722/Proposal No. SIA/UP/MIN/69695/2021

The committee noted that the matter was earlier listed in 615th SEAC meeting dated 03/01/2022 and the project proponent did not appear in the meeting and the committee directed that project file should be closed and be opened only after request from the project proponent. The project proponent through online portal on 06/07/2022 has requested to list the matter in next SEAC meeting and the matter was listed in 676th SEAC meeting dated 04/08/2022.

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 Building Stone (Sand Stone) Mining Project at Araj No - 399, Village: Jigna, Tehsil-Chunar, Mirzapur, U.P., (Leased Area- 0.606 Ha.).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/69695/2021		
2. File No. allotted by SEIAA, UP	6722		
3. Name of Proponent	Shri Om Prakash Singh S/O Shri Lal Bhadur Singh		
4. Full correspondence address of proponent and mobile no.	R/O- Kanhaipur, Ahraura Dist: Mirzapur (U.P.).		
5. Name of Project	Building Stone (Sand Stone)Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Arazi No. 399		
7. Name of River	NA		
8. Name of Village	Jigna		
9. Tehsil	Chunar		
10. District	Mirzapur (U.P)		
11. Name of Minor Mineral	Building Stone (Sand Stone)Mining Project		
12. Sanctioned Lease Area (in Ha.)	0.606 Ha.		
13. Mineable Area (in Ha.)	0.482 ha.(Safety area 0.1240 Ha.)		
14. Zero level mRL	NA		
15. Max. & Min mrl within lease area	Maximum mRL 99 mRL Minimum mRL 95 mRL		
16. Pillar Coordinates (Verified by DMO)	Pillar	Latitude(N)	Longitude(E)
	A	25°02'18.0"N	83°03'40.2"E
	B	25°02'20.3"N	83°03'45.5"E
	C	25°02'19.5"N	83°03'46.0"E
	D	25°02'18.0"N	83°03'42.8"E
	E	25°02'16.8"N	83°03'43.3"E
	F	25°02'16.1"N	83°03'41.6"E
17. Total Geological Reserves	68,060 m ³ /year		
18. Total Mineable Reserves	6,060 m ³ per year as per LOI		
19. Total Proposed Production (in five year)	30,300 m ³		

20. Proposed Production/year	6,060 m ³ per year	
21. Sanctioned Period of Mine lease	20 Year	
22. Total Production of mine in 20 year	1,21,200 m ³	
23. Method of Mining	Open cast, semi-mechanized	
24. No. of working days	250	
25. Working hours/day	8 hours/day	
26. No. Of workers	Approx. 28	
27. No. Of vehicles movement/day	Approx. 2-5 Vehicles movement/day	
28. Type of Land	Building Stone (Sand Stone)Mining Project	
29. Ultimate Depth of Mining	8.5 meter as per Approved mining plan	
30. Nearest metalled road from site	SH-5A about 1.90 km towards West direction from the project site.	
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking water	0.38 KLD
	Suppression of dust	2.16 KLD
	Plantation	1.0 KLD
	Others (if any)	-
	Total	3.54 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 and valid up to 30 Dec. 2022	
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. - 493/Khanij/क्र०स०/2021 date 22/6/2021	
35. Details of Lease Area in approved DSR	Shudhi DSR Letter No - 844/Khanij/2022 date – 28/6/2022	
36. Proposed EMP cost	Rs. 7,62,680/-	
37. Total Project cost	Rs. 92,00,000/-	
38. Length and breadth of Haul Road	120 m length and 6.0 m width	
39. No. of Trees to be Planted	1000	
40. Monitoring Period	1/10/2021 to 31/12/2021	

- 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 26/07/2022 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, valid till- 30/12/2022.
- I have prepared TOR report for the Proposal No. SIA/UP/MIN/69695/2021, File no- 6722 Project Proponent- Shri Om Prakash Singh S/O Shri Lal Bhadur Singh of “Building Stone (Sand stone) Mining” located at Araji No - 399, (Area- 0.606 Ha.) in Village: Jigna, Tehsil-Chunar, District Mirzapur, Uttar Pradesh 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.

5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The TOR report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 09

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

Additional TOR:

1. To ensure proper monitoring, the project proponent/consultant should provide evidence in for 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.
2. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
3. Combined KML of all mines in a cluster should be submitted at the time of EIA.
4. 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.
5. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. Revised Corporate Social Responsibility (CSR) to be prepared as per the MoEF guidelines and present it at the time of EIA presentation.

10. Stone (Boulder, Khanda / Gitti-Ballast) at Gata No. 115 (Khand No.- 02), Village- Habupura, Tehsil- Garautha & District- Jhansi, Smt. Rachna Khatri., Area- 3.238 Ha. File No. 6808/6024/Proposal No. SIA/UP/MIN/70159/2020

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: -

- The proposed lease it was found that a Gram Samaj road (Mandir simit road) Motorable road constructed through the lease area which provides connectivity to the villagers (Chokri, Habupura and others) is developed and as well fully operational as well as some part the road is under construction also.
- There is high tension power line is present on each side of the road.

Note: Due to the recent development the proposed project doesn't seem feasible for mining activity without leaving the safety area as per guideline.

In view of above, the committee discussed the matter and opined that a factual report and opinion should be obtained from Directorate of Geology and Mining before proceeding the matter. A copy of the letter should also send to District Magistrate, Jhansi for necessary action.

11. Sand Mining at Gata No.-99 mi,101 mi, 102 mi & 103, Khand No.- 02, Village-Bijhalpur, Tehsil-Ajitmal,District-Auraiya,Shri Dheeraj Panday,,Area-11.9595 Ha. File No. 6766/5849/Proposal No. SIA/UP/MIN/70187/2020

The committee noted that the matter was earlier discussed in 621st SEAC meeting dated 23/06/2022 and directed as follows:

“SEIAA noted that SEAC-1 has recommended to issue ToR to the said project. On examination of file it became evident that ToR to this project has been granted vide letter no. 495/Parya/SEAC/5849/2020 dated 04.11.2020, further the PP / consultant has applied for grant of EC and the presentation before the SEAC-1 was made for grant of EC. Hence SEIAA opined that the project shall be refer back to SEAC-1 for review/comments.”

As per the direction of SEIAA, the matter was listed in 676th SEAC meeting dated 04/08/2022. The committee went through the file and documents and opined that without making any argument/explanation, SEAC admits its fault in putting TOR instead of EC.

The committee review the matter and recommended grant of environmental clearance for the project proposal given at Para-A along with general and specific conditions as annexed at Annexure-3 to these minutes. The committee also stipulated additional specific conditions given at Para-B:

Para-A : Project Details:

1. The environmental clearance is sought for Ordinary Sand Mining at Gata No. 99MI, 101MI, 102MI & 103, Khand No. 02, Village- Bijhalpur, Tehsil- Ajitmal, District- Auraiya, U.P., (Leased Area – 11.9595 ha.).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 495/Parya/SEIAA/5849/2020, dated 04/11/2020.
3. The public hearing was organized on 14/06/2021. Final EIA report submitted by the project proponent on 17/12/2021.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/70187/2020
2. File No. allotted by SEIAA, UP	6766 / 5849
3. Name of Proponent	Sh. Dheeraj Pandey S/o Sh. Shridhar Pandey
4. Full correspondence address of proponent and mobile no.	R/O- 117/233, M – Block Kakadeo, Gopal Tower, Kanpur Nagar, (U.P.) - 208019
5. Name of Project	Sand Mining Project
6. Project location (Plot/Khasra/Gata No. / khand No.)	Gata No. 99mi, 101mi, 102mi & 103(Khand No.-02)
7. Name of River	River Yamuna

8. Name of Village	Bijhalpur		
9. Tehsil	Ajitmal		
10. District	Auraiya (U.P)		
11. Name of Minor Mineral	Sand Mining Project		
12. Sanctioned Lease Area (in Ha.)	11.9595 Ha.		
13. Mineable Area (in Ha.)	10.85 Ha.(safety margin is 1.1095 Ha)		
14. Zero level mRL	104.0 mRL		
15. Max. & Min mrl within lease area	Maximum mRL 109.90 mRL Minimum mrl 106.40 mRL		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	C	26° 24' 9.59"N	79° 19' 35.68"E
	D	26° 24' 17.88"N	79° 19' 39.39"E
	E	26° 24' 14.11"N	79° 19' 56.79"E
	F	26° 24' 5.50"N	79° 19' 55.70"E
17. Total Geological Reserves	3,50,262 m ³		
18. Total Mineable Reserves in LOI	2,68,875 m ³ per year in LOI		
19. Total Proposed Production (in five year)	13,44,375 m ³		
20. Proposed Production/year	2,68,875 m ³ per year		
21. Sanctioned Period of Mine lease	5 Year		
22. Production of mine/day	1076 m ³ /day		
23. Method of Mining	Open cast, Manual, semi mechanized		
24. No. of working days	250		
25. Working hours/day	8 hours/day		
26. No. Of workers	Approximately 75 workers		
27. No. Of vehicles movement/day	80 - 85 Vehicles movement/day		
28. Type of Land	Sand Mining Project		
29. Ultimate Depth of Mining	2.6 m		
30. Nearest metalled road from site	SH-21 is 12.93 km towards East direction		
31. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.85 KLD	
	Suppression of dust	5.40 KLD	
	Plantation	0.06 KLD	
	Others (if any)	-	
	Total	6.31 KLD or 6.3 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 020 and valid up to December 30,2022		
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. 1737/डीएलआरसी - क्लस्टर प्रमाण पत्र / 2020 dated. 12/09/2020		
35. Details of Lease Area in approved DSR	Page No. 4, Sr. No. 1		
36. Proposed EMP cost	Rs. 13,04,248/-		
37. Proposed Total Project cost	Rs. 4,60,27,625/-		
38. Length and breadth of Haul Road	600 m length and 6 m width		
39. No. of Trees to be Planted	60		

- 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).

Para-B : Additional Specific Conditions:

1. In compliance of Hon'ble NGT Order dated 06.05.2022, for subsequent years, Project Proponent shall submit fresh annual replenishment study to SEIAA, UP for amendment in EC for mineable quantity and maximum permissible depth for mining based on scientific findings of replenishment study. Such study shall be placed before SEAC for appraisal for next three years to assess rate of deposition and accordingly, mineable production capacity and depth can be prescribed based on trends analysis, provided it is found scientifically satisfactory by the SEAC. The placing of the study report SEAC is mandatory for initial three years.
 2. NOC from Irrigation Department/ Concerning Authority regarding river bed mining to be obtained before start of mining activity.
 3. The project proponent shall install solar light in their site office.
 4. 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.
 5. Preference should be given to indigenous local species as per the consultation of the local district Forest Officer.
 6. 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.
 7. 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.
 8. The project proponent should explore the possibilities of rainwater harvesting.
 9. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road.
 10. 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.
 11. As per the proposed plan, plantation with area specific plant species, number of plants to be planted.
 12. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ water supplying agencies to be submitted.
- 12. Silica Sand Mining at Gata No part of 522, Village-Aswan (block 01), Tehsil-Bara, District-Prayagraj, Shri Satyadev Mishra, Area – 15.75 ha. File No. 7108/Proposal No. SIA/UP/MIN/77319/2022**

The committee noted that the matter was earlier discussed in 630th SEAC meeting dated 13/07/2022 and directed as follows:

“SEIAA noted that SEAC-1 has recommended to issue Terms of reference to the above project. SEIAA gone through file and documents and found that in MoM, proposed production /year of Silica sand is mentioned as 46,843 m³ and of stone is mentioned as 31,229 m³ whereas in LOI and mining plan approval letter proposed production /year of Silica sand is mentioned as 46,843 m³ only and there is no details regarding stone production. Hence SEIAA opined that show cause notice be issued to consultant along with copy to QCI & NABET and bring it to the notice of DGM. Proposal be referred back to SEAC-1 for re-evaluation.”

As per the direction of SEIAA, the matter was listed in 676th SEAC meeting dated 04/08/2022. The SEAC examine the matter in depth and observed that in mining plan on page no. 14 quantity of silica sand and stone mentioned as 46843 cum /year & 31229 cum/year respectively but in approval letter of mining plan and LoI simply mentioned about silica sand only. The committee also went through letter no. 1195/Khanij/2022-23, dated 27/07/2022. The project proponent is supposed to remove the stone as overburden and keep it intact on the surface.

In view of above, the committee opined that in this matter to avoid any kind of confusion the column of stone in salient feature should be deleted. Accordingly the committee recommended to grant the terms of reference as earlier prescribed in 666th SEAC-1 meeting dated 21/06/2022 along with revised salient features is as follows:

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

1.	On-line proposal No.	SIA/UP/MIN/77319/2022																										
2.	File No. allotted by SEIAA, UP	7108																										
3.	Name of Proponent	M/s Shree Bajrang Road lines Shri Satyadev Mishra (partner) S/o Ayodhya prasad Mishra R/o – Village – Jaamo, Post – Gaurajaamo Tehsil – Gauriganj, District – Amethi, UP																										
4.	Full correspondence address of proponent and mobile no.	singhmukesh202@gmail.com 9415137504																										
5.	Name of Project	“Silica Sand Mine” at Gata No – part of 522 Area – 15.75 ha at Village-Aswan (block 01), Tehsil-Bara, District-Prayagraj, Uttar Pradesh of M/s Shree Bajrang Road lines.																										
6.	Project Location (Plot. Khasra/Gata No.)	Gata No – part of 522 Area – 15.75 ha at Village-Aswan (Block 01)																										
7.	Name of River	Silica Sand Mine Project (Nearest River Yamuna – 7.40Km (N))																										
8.	Name of Village	Aswan																										
9.	Tehsil	Bara																										
10.	District	Prayagraj																										
11.	Name of Minor Mineral	Silica Sand Mine																										
12.	Sanctioned Lease Area (in Ha.)	Area- 15.75 ha																										
13.	Max. & Min mRL within lease area	Highest mRL 131.10 mRL & Lowest mRL 104.0 mRL																										
14.	Pillar Coordinates (Verified by DMO)	<table><tr><td>Point</td><td>Latitude</td><td>Longitude</td></tr><tr><td>A</td><td>25°17'9.80"N</td><td>81°40'10.52"E</td></tr><tr><td>B</td><td>25°17'3.70"N</td><td>81°40'31.87"E</td></tr><tr><td>C</td><td>25°17'1.28"N</td><td>81°40'30.98"E</td></tr><tr><td>D</td><td>25°16'53.09"N</td><td>81°40'33.95"E</td></tr><tr><td>E</td><td>25°16'54.60"N</td><td>81°40'26.79"E</td></tr><tr><td>F</td><td>25°16'52.99"N</td><td>81°40'26.37"E</td></tr><tr><td>G</td><td>25°17'7.61"N</td><td>81°40'9.54"E</td></tr></table>	Point	Latitude	Longitude	A	25°17'9.80"N	81°40'10.52"E	B	25°17'3.70"N	81°40'31.87"E	C	25°17'1.28"N	81°40'30.98"E	D	25°16'53.09"N	81°40'33.95"E	E	25°16'54.60"N	81°40'26.79"E	F	25°16'52.99"N	81°40'26.37"E	G	25°17'7.61"N	81°40'9.54"E		
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E	25°16'54.60"N	81°40'26.79"E																										
F	25°16'52.99"N	81°40'26.37"E																										
G	25°17'7.61"N	81°40'9.54"E																										
15.	Total Geological Reserves	Silica sand – 39, 89,643 m ³																										
16.	Total Mineable Reserve	Silica sand – 33, 17,748 m ³																										
17.	Total Proposed Production	Silica sand – 2,34,215 m ³ (5 years)																										
18.	Proposed Production /year (as per LoI)	Silica sand – 46,843 m ³																										
19.	Sanctioned Period of Mine lease	5 years																										
20.	Production of mine/day	Silica sand - 156 m ³ /day																										
21.	Method of Mining	Opencast, /Semi-mechanized method																										
22.	No. of working days	300																										
23.	Working hours/day	8																										
24.	No. of worker	74																										
25.	No. of vehicles movement/day	20																										
26.	Type of Land	Govt./Non Forest Land																										
27.	Depth of Mining	12.0 m																										
28.	Nearest metalled road from site	0.30 km																										
29.	Water Requirement	<table><tr><td colspan="2">PURPOSE</td></tr><tr><td>Drinking</td><td>- 0.74 KLD</td></tr><tr><td>Suppression of dust</td><td>- 3.60 KLD</td></tr><tr><td>Plantation</td><td>- 16.0 KLD</td></tr><tr><td>Others (if any)</td><td>- 0.00 KLD</td></tr><tr><td>Total</td><td>~ 20.0 KLD</td></tr></table>			PURPOSE		Drinking	- 0.74 KLD	Suppression of dust	- 3.60 KLD	Plantation	- 16.0 KLD	Others (if any)	- 0.00 KLD	Total	~ 20.0 KLD												
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Others (if any)	- 0.00 KLD																											
Total	~ 20.0 KLD																											
30.	Name of QCI Accredited Consultant	Paramarsh Servicing Environment and development																										

	with QCI No and period of validity.	NABET/EIA/2124 RA 0224, Valid till –01 May 2024
31.	Any litigation pending against the project or land in any court	No
32.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No –4894/Khanij/2021-22, dated - 04/02/2022
33.	Details of Lease Area in approved DSR	Serial no.04
34.	Project Cost	1.50 Crore
35.	Proposed CER cost	3.0 lacs
36.	Length and breadth of Haul Road	Length – 0.30 km, Breadth – 6.00 m
37.	No. of Trees to be Planted	16,000

13. Silica Sand Mining at Arajai No./Plot No./Gata No.- part of 207 and part of 56, Village – Bankipur, Tehsil- Bara, District- Prayagraj, Smt. Santoshi Singh, M/s Maa Pitambara Traders, Area 23.50 ha. File No. 7130/Proposal No. SIA/UP/MIN/77695/2022

The committee noted that the matter was earlier discussed in 630th SEAC meeting dated 13/07/2022 and directed as follows:

“ SEIAA noted that SEAC-1 has recommended to issue Terms of reference to the above project. SEIAA gone through file and documents and found that in MoM, proposed production/year of Silica sand is mentioned as 73,592 m³ /annum and of stone is mentioned as 49,062 m³ /annum whereas in LOI and mining plan approval letter proposed production /year of Silica sand is mentioned 73,592 m³ /annum only and there is no details regarding stone production. Hence SEIAA opined that show cause notice be issued to consultant along with copy to QCI & NABET and bring it to the notice of DGM. Proposal be referred back to SEAC-1 for re-evaluation.”

As per the direction of SEIAA, the matter was listed in 676th SEAC meeting dated 04/08/2022. The SEAC examine the matter in depth and observed that in mining plan on page no. 14 quantity of silica sand and stone mentioned as 73592 cum /year & 49062 cum/year respectively but in approval letter of mining plan and LoI simply mentioned about silica sand only. The committee also went through letter no. 1194/Khanij/2022-23, dated 27/07/2022. The project proponent is supposed to remove the stone as overburden and keep it intact on the surface.

In view of above, the committee opined that in this matte to avoid any kind of confusion the column of stone in salient feature should be deleted. Accordingly the committee recommended to grant the terms of reference as earlier prescribed in 667th SEAC-1 meeting dated 22/06/2022 along with revised salient features is as follows:

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

1.	On-line proposal No.	SIA/UP/MIN/77695/2022
2.	File No. allotted by SEIAA, UP	7130
3.	Name of Proponent	M/s Maa Pitambara Traders Smt. Santoshi Singh (prop.) W/o Shri Deepak Kumar singh R/o – 12 Hanumanbag Colony, Mumfordganj Tehsil – Sadar, District – Prayagraj, UP
4.	Full correspondence address of proponent and mobile no.	khushidsingh@gmail.com 9415221303
5.	Name of Project	“Silica Sand Mine” at Arajai No./Plot No./Gata No.- part of 207 and part of 56, Area 23.50 ha at Village – Bankipur, Tehsil- Bara, District- Prayagraj, Uttar Pradesh of M/s Maa Pitambara Traders
6.	Project Location (Plot. Khasra/Gata	Gata No.- part of 207 and part of 56, Area 23.50 ha at

	No.)	Village- Bankipur		
7.	Name of River	Silica Sand Mine Project (Nearest River Yamuna – 6.67 Km (NW))		
8.	Name of Village	Bankipur		
9.	Tehsil	Bara		
10.	District	Prayagraj		
11.	Name of Minor Mineral	Silica Sand Mine		
12.	Sanctioned Lease Area (in Ha.)	Area- 23.50 ha		
13.	Max. & Min mRL within lease area	Highest mRL 119.60 mRL & Lowest mRL 101.10 mRL		
14.	Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
		A	25°16'59.10"N	81°39'46.83"E
		B	25°17'14.81"N	81°39'50.00"E
		C	25°17'21.71"N	81°40'58.83"E
		D	25°17'20.44"N	81°40'3.95"E
		E	25°17'17.81"N	81°40'2.59"E
		F	25°17'13.91"N	81°40'6.64"E
		G	25°17'6.42"N	81°40'3.34"E
		H	25°16'59.86"N	81°39'54.14"E
15.	Total Geological Reserves	Silica sand – 67, 89,141 m3		
16.	Total Mineable Reserve	Silica sand – 59, 29,140 m3		
17.	Total Proposed Production	Silica sand – 3,67,960 m ³		
18.	Proposed Production /year (as per Lol)	Silica sand 73,592 m3 /annum		
19.	Sanctioned Period of Mine lease	5 years		
20.	Production of mine/day	Silica sand - 245 m ³ /day		
21.	Method of Mining	Opencast, /Semi-mechanized method		
22.	No. of working days	300		
23.	Working hours/day	8		
24.	No. of worker	117		
25.	No. of vehicles movement/day	24		
26.	Type of Land	Govt./Non Forest Land		
27.	Depth of Mining	20.0 m		
28.	Nearest metalled road from site	0.10 km		
29.	Water Requirement	PURPOSE		
		Drinking	- 1.17 KLD	
		Suppression of dust	- 1.2 KLD	
		Plantation	- 23.0 KLD	
		Others (if any)	- 0.00 KLD	
		Total	~ 25.0 KLD	
30.	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		
31.	Any litigation pending against the project or land in any court	No		
32.	Details of 500 m Cluster Certificate verified by Mining Officer	Letter No –4896/Khanij/2021-22, dated - 04/02/2022		
33.	Details of Lease Area in approved DSR	Serial no.04		
34.	Project Cost	1.90 Crore		
35.	Proposed CER cost	3.80 lacs		
36.	Length and breadth of Haul Road	Length – 0.10 km, Breadth – 6.00 m		
37.	No. of Trees to be Planted	23,000		

14. Discussion on Hon'ble NGT, Principal Bench, New Delhi order dated 04/07/2022 in the matter of OA No. 212/2021.

The committee went through the Hon'ble NGT, Principal Bench, New Delhi order dated 04/07/2022 in the matter of OA No. 212/2021 and opined that the project proponent along with consultant should be present before the SEAC and present their environmental clearance, proposals & PowerPoint presentation on which basis EC was granted along with compliance report of environmental clearance conditions imposed by SEIAA.

The Secretariat is also requested to put documents/presentation before the SEAC on which basis the EC was granted. District Mining Officer, Jalaun should also be called to put their point of view before the committee.

(Dr. Brij Bihari Awasthi)
Member

(Umesh Chandra Sharma)
Member

(Dr. Ratan Kar)
Member

(Ashish Tiwari)
Member-Secretary, SEAC-1

(Rajive Kumar)
Chairman

Nodal, SEAC-1

MoM prepared by Secretariat in consultation with
Chairman & Members on the basis of decisions
taken by SEAC-1 during the meeting.

Annexure-1

General and Specific Conditions for Gitti, Patthar & Boulder Mining Projects: -

A. 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 the law.
3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization, and scope of working shall again require prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, the quantum of mineral and waste shall be made.
5. Mining will be carried out as per the approved mining plan. In case of any violation of the mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO₂, NO_x monitoring. The 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. The monitored data for criteria pollutants shall be regularly uploaded on the company's website and also displayed on the website.
7. Data on ambient air quality (RPM, SPM, SO₂, NO_x) should be regularly submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and the State Pollution Control Board / Central Pollution Control Board once in six months.
8. Ambient air quality at the boundary of the mine premises shall conform to the norms prescribed in MoEF notification no. GSR/826(E) dated 16.11.09.
9. Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading, and at transfer points shall be provided and properly maintained.
10. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with earplugs/muffs and health records of the workers shall be maintained.
11. Industrial wastewater (workshop and wastewater from the mine) should be properly collected, treated to conform to the standards prescribed under GSR 422 (E) dated 19th May 1993 and 31st December 1993 or as amended from time to time. Oil and grease traps shall be installed before the discharge of workshop effluents.
12. Personnel working in areas shall be provided with protective respiratory devices like masks and they shall also be imparted adequate training and information on safety and health aspects.
13. Special measures shall be adopted to prevent the nearby settlements from the impacts of mining activities.
14. The transportation of the materials shall be limited to the day hours' time only.
15. Provision shall be made for housing the laborers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
16. A separate Environmental Management Cell with suitably qualified personnel shall be setup under the control of a Senior Executive, who will report directly to the Head of the Organization.
17. The Project Proponent shall inform the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board regarding the date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.

18. The funds earmarked for environmental protection measures shall be kept in a separate account and shall not be diverted for other purposes. The year-wise expenditure shall be reported to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board
19. The Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board shall monitor compliance with the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan, Public hearing, and other documents information should be given to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and State Pollution Control Board
20. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat, and Municipal Bodies as applicable in the matter.
21. The Project Proponent 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 Level Environment Impact Assessment Authority (SEIAA).
22. The Project Proponent has to submit a regular half-yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the SEIAA, U.P. on 1st June and 1st December of each calendar year.
23. The SEIAA may alter/modify the above conditions or stipulate any further condition in the interest of environmental protection.
24. 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 the Environment (Protection) Act, 1986.

B. Specific Conditions:

1. At the time of operation, the project proponent will comply with all the guidelines issued by the Government of India/State Govt./District Administration related to Covid-19.
2. This environmental clearance does not create or verify any claim of the applicant on the proposed site/activity.
3. 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 the area is less than 05ha, but factually the distance is less than 500 mt, and the mine is located in the cluster of area equal to or more than 05ha, the E.C issued will stand revoked.
4. This environmental clearance shall be subject to a valid lease in favor of the project proponent for the proposed mining proposals. In case, the project proponent does not have a valid lease, this environmental clearance shall automatically become null and void.
5. The Environmental clearance will be co-terminus with the mining lease period/Mining Plan whichever is less. The Mining plan approved by the Dept. of Mines and Geology shall be strictly implemented and shall not be operated beyond the validity period.
6. Explosive cannot be stored on the site. The Project proponent shall take approval from Chief Controller of Explosive, if applicable for use or storage of explosive or any such materials.
7. A comprehensive EIA including mining areas within 15 K.M. to assess the impact of the mining activity on the surrounding area shall be undertaken and a report submitted to this Authority within one year.
8. No two pits shall be simultaneously worked i.e. before the first is exhausted and reclamation work completed, no mineral bearing area shall be worked.
9. After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation work in the exhausted pit shall be completed to ensure that reclamation, forest cover, and vegetation are visible during the first year of mining operations in the next pit. This process will follow till the last pit is exhausted. Adequate rehabilitation of mined pit shall be completed before any new ore-bearing area is worked for expansion.
10. An adequate buffer zone shall be maintained between two consecutive mineral-bearing deposits.
11. The sprinkling of water on haul roads to control dust will be ensured by the project proponent.

12. Green belt development shall be carried out considering CPCB guidelines including the selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of the afforestation programme besides tree plantation. The company shall involve local people in the plantation programme. Details of year-wise afforestation programme including rehabilitation of mined-out area shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow every year.
13. Blast vibrations study shall be conducted and an observation report submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and UPPCB within six months. The report shall also include measures for the prevention of blasting associated impact on nearby houses and agricultural fields.
14. Controlled blasting techniques with sequential blasting shall be adopted. The blasting shall be carried out in the daytime only. The project proponent shall ensure prevention of displacement of human beings/wild animals/birds etc. and in case any such displacement is caused due to blasting/mining operation by any chance the project proponent shall take suitable measures for their rehabilitation and resettlement.
15. Appropriate arrangement for shelter and drinking water for the mining workers has to be ensured at the mining site.
16. Maintenance of village roads used for transportation of minerals is to be done by the company regularly at its own expenses. The link roads from mining area to main road shall be constructed as all-weather road with black topping and maintained by the project proponent.
17. The surface runoff rain water harvesting/rain water recharge and water conservation measures will be taken by project proponent in consultation with central /State ground water Board .The project proponent shall plan and implement collection drain and siltation basins of adequate size to arrest the silt and sediment flows from the mining area. The supernatant of the siltation basin and rain water harvested water shall be utilized for watering the haulage area, roads and green belt development etc.
18. Status of implementation shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and UP Pollution Control Board within six months and thereafter every year from the next consequent year.
19. The self-environmental audit shall be conducted annually. Every three years third-party environmental audit shall be carried out.
20. Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geotextile matting or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.
21. Trenches/garland drains shall be constructed at foot of dumps and coco filters installed at regular intervals to arrest silt from being carried to water bodies. An adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs if any flowing through the ML area and silts arrested. De silting at regular intervals shall be carried out.
22. Garland drain of appropriate size, gradient, and length shall be constructed for both mine pit and waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide an adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de silted at regular intervals.
23. Ground and surface water, if any in and near the core zone (within 5.0 km of the lease) shall be regularly monitored for contamination and depletion due to mining activity and records maintained. The monitoring data shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly. Further, monitoring points shall be located between the mine, and drainage in the direction of flow of groundwater shall be set up and records maintained.
24. Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly.

25. Baseline data for ambient air quality shall be generated and maintained and RSPM level in ambient air in the nearby human habitation (villages) shall also be monitored along with other parameters.
26. Corporate Environmental Responsibility (CER) shall be by the project proponent and the details of the various heads of expenditure are to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with the installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of the beneficiary and gram Pradhan along with phone number, photographs should be submitted to Directorate as well as to the District Magistrate / Chief Development officers.
27. Transportation of minerals shall be done by covering the trucks with tarpaulin or other suitable mechanisms so that no spillage of mineral/dust takes place.
28. Occupational health and safety measures for the workers including identification of work-related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust, etc. shall be carried out. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including the health records of the workers. Awareness programmes for workers on the impact of mining on their health and precautionary measures like the use of personal protective equipment etc. shall be carried out periodically. A review of the impact of various health measures shall be conducted followed by follow-up action wherever required.
29. The project proponent will ensure for employing local people as per requirement, necessary protection measures around the mine pit and waste dump, and garland drain around the mine pit and waste dump.
30. Topsoil / solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation of the mined-out area. Topsoil shall be separately stacked for utilization later for reclamation and shall not be stacked along with overburden.
31. Overburden (OB) shall be stacked at the earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 20 m, each stage shall preferably be of a maximum of 10 m and the overall slope of the dump shall not exceed 35°. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface runoff.
32. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow, and U.P. Pollution Control Board on a six-monthly basis.
33. The slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by the Indian Bureau of Mines.
34. Permission for the abstraction of groundwater shall be taken from Central Ground Water Board. Regular monitoring of ground and surface water sources for level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year i.e., premonsoon (April/May), monsoon (August), post-monsoon (November), and winter (January), and the data thus collected shall be regularly sent to MoEF&CC, Central Ground Water Authority, and Regional Director, Central Ground Water Board.
35. The wastewater from the mine shall be treated to conform to the prescribed standards before discharging into the natural stream. The discharged water from the Tailing Dam, if any shall be regularly monitored and report submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, Central Pollution Control Board, and the State Pollution Control Board.
36. Hydrogeological study of the area shall be reviewed by the project proponent annually. In case the adverse effect on groundwater quality and quantity is observed mining shall be stopped and resumed only after mitigating steps to contain any adverse impact on groundwater is implemented.
37. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of minerals and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. The vehicles transporting minerals shall be

- covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the period of transportation. No overloading of minerals for transportation shall be committed. The trucks transporting minerals shall not pass through the wildlife sanctuary if any in the study area.
38. Prior permission from the Competent Authority shall be obtained for the extraction of groundwater if any.
 39. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Integrated Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
 40. Project Proponent shall explore the possibility of using solar energy where ever possible.
 41. Commitment towards CER has to be followed strictly.
 42. Regular health checkup record of the mineworkers has to be maintained at the site in a proper register. It should be made available for inspection whenever asked.
 43. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB, and other Govt. Agencies from time to time.
 44. The blasting will be done only after getting permission from the Mining Department.

Annexure-2

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

- 1) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
- 2) A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be given.
- 3) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
- 4) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 5) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 6) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
- 7) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report.
- 8) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
- 9) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
- 10) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
- 11) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
- 12) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
- 13) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of

the forestry clearance should also be furnished.

- 14) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
- 15) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 16) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
- 17) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
- 18) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
- 19) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
- 20) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.
- 21) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)] primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.
- 22) Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
- 23) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
- 24) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 25) Description of water conservation measures proposed to be adopted in the Project should be given.

- 26) Details of rainwater harvesting proposed in the Project, if any, should be provided.
- 27) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
- 28) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater.
- 29) Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
- 30) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
- 31) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
- 32) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
- 33) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
- 34) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 35) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
- 36) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
- 37) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
- 38) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 39) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 40) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
- 41) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 42) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 43) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 44) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall

clearly indicate environmental, social, economic, employment potential, etc.

45) Besides the above, the below mentioned general points are also to be followed:-

- a) Executive Summary of the EIA/EMP Report
- b) All documents to be properly referenced with index and continuous page numbering.
- c) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
- d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
- e) Where the documents provided are in a language other than English, an English translation should be provided.
- f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
- g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
- h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
- i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
- j) The EIA report should also include: (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.

Annexure-3

General and Specific Conditions for 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 order of Hon'ble NGT/Hon'ble Courts (s)). Heavy machine such as excavator, scooper etc. should not be employed for mining purpose. No drilling/blasting should be involved at any stage.
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 pouches, plastic bags, glasses etc. to be generated during project activity will be separately stored 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.