

Minutes of 611th SEAC-2 Meeting Dated 23/12/2021

The 611th meeting of SEAC-2 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 11:00 AM on 23/12/2021. Following members participated in the meeting:

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

The Chairman welcomed the members to the 611th SEAC-2 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-2 informed the committee that the agenda has been approved by the Member Secretary, SEAC-2/Director Environment. Nodal Officer, SEAC-2 placed the agenda items along with the available file and documents before the SEAC-2.

1. Earth Excavation at Khasra/Gata No.-206, Village & Post- Sarosi, Tehsil & District- Unnao, U.P. (Area:0.4050 Ha). File No. 5859/Proposal No. SIA/UP/MIN/172828/2020

The committee noted that the matter was earlier discussed in 570th SEAC meeting dated 15/09/2021 and directed the project proponent to submit following information:

1. While placing the top soil in the filed some microbial inoculants must be added.
2. Plan for store the top soil in covered cell before closing the mine.

The project proponent submitted their replies vide letter dated 29/11/2021. The consultant informed the committee that they are strictly following the rules, regulations and other instructions of QCI/NABET. A presentation was made by the project proponent along with their consultant M/s Paramarsh Servicing Environment and Development. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The Environmental Clearance is sought for ordinary earth excavation from Khasra/Gata Nos. 206 at Village & Post- Sarosi, Tehsil & District – Unnao, Uttar Pradesh, (Leased Area – 0.4050 ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/172828/2020
2.	File No. allotted by SEIAA, UP	5859
3.	Name of Proponent	Shri Sunil Kumar Yadav
4.	Full correspondence address of proponent and mobile no.	Sunil Kumar Yadav S/o Shri Surajbhan Yadav R/o- Village & Post- Sarosi, Tehsil & District – Unnao, U.P.
		Mobile no. – 9696963211
		E mail ID - Omkar.swadesh@gmail.com
5.	Name of Project	Ordinary earth excavation from Khasra/Gata Nos. 206, Area – 0.4050 ha (1.0 Acres) at Village & Post- Sarosi, Tehsil & District – Unnao, Uttar Pradesh

Minutes of 611th SEAC-2 Meeting Dated 23/12/2021

6.	Project Location (Plot. Khasra/Gata No.)	Gata No.-206			
7.	Name of River	Ganga river			
8.	Name of Village	Village & Post- Sarosi, Tehsil & District – Unnao, Uttar Pradesh			
9.	Tehsil	Unnao			
10.	District	Unnao			
11.	Name of Minor Mineral	Ordinary Soil Excavation			
12.	Sanctioned Lease Area (in Ha.)	0.4050 ha			
13.	Max. & Min mRL within lease area	Max - 128 mRL Min – 126 mRL			
14.	Pillar Coordinates (Verified by DMO)		Pillar	Latitude	Longitude
			A	26°34'07.43"N	80°23'59.44"E
			B	26°34'05.97"N	80°23'02.60"E
			C	26°34'05.81"N	80°23'03.02"E
			D	26°34'04.45"N	80°23'02.48"E
			E	26°34'06.02"N	80°23'00.96"E
			F	26°34'05.66"N	80°23'00.44"E
			G	26°34'06.72"N	80°23'59.48"E
			H	26°34'07.06"N	80°23'58.92"E
15.	Total Geological Reserves	10935 m ³			
16.	Total Mineable Reserve in LOI	10,206 m ³			
17.	Total Proposed Production	10000 m ³ (3 months)			
18.	Proposed Production /year	10000 m ³ (3 months)			
19.	Sanctioned Period of Mine lease	Three Months			
20.	Production of mine/day	111 m ³ /day			
21.	Method of Mining	Semi Mechanized			
22.	No. of working days	90 Days			
23.	Working hours/day	8			
24.	No. of worker	22			
25.	No. of vehicles movement/day	4-6			
26.	Type of Land	Private Agriculture Undulated Land			
27.	Ultimate of Depth of Mining	3.0m			
28.	Nearest metalled road from site	Kanpur road 6.43 Km. from mining site.			
29.	Water Requirement	PURPOSE			
		Drinking - 0.20 KLD			
		Suppression of dust - 1.6 KLD			
		Plantation - 0.20 KLD			
		Others (if any) - 0.00 KLD			
		Total - 2.0 KLD			
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and Development (QCI Certificate No. NABET/EIA/1821/RA0120 Valid up to 13 January, 2022)			
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. 1685/ Khanij/2019 Dated 20/12/2019			
33.	Details of Lease Area in approved DSR	NA			
34.	Project Cost	2.50 Lacs			
35.	Proposed CER cost	CER cost @ 5% - 12, 500 Rupees			
36.	Proposed EMP cost	0.70 lacs			
37.	Length and breadth of Haul Road	Length – 0.30 km, Breadth – 3.00 m			
38.	No. of Trees to be Planted	200			

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

RESOLUTION AGAINST AGENDA NO. 01

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

2. Stone Mining at Khasra/Gata No.-1141, Village-Darharam, Tehsil- Sadar, District-Mirzapur, U.P., Shri Indulata Pandey, Sahaspur, Tehsil- Chunar, Mirzapur., Area-0.607 Ha. File No. 5417/Proposal No. SIA/UP/MIN/47312/2020

The committee noted that the matter was earlier discussed in 566th SEAC meeting dated 02/09/2021 and directed the project proponent to submit following information:

1. Revised CER Plan with the consultation of District Authority.
2. Detailed plan for dust suppression.
3. Revised plan for safe disposal of municipal solid waste.
4. Plan for vehicular movement.
5. Detailed plantation plan with identification of green belt, type and number of plants/trees and their location in consultation with forest department shall be formulated and implemented.

The project proponent submitted their replies vide letter dated 02/12/2021. 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 Green Enviro Engineers Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Building Stone (Sandstone) Mining at Araj/Gata no.-1141, Village-Darharam, Tehsil-Sadar, District-Mirzapur, U.P., (Leased Area-0.607 ha.).
2. The terms of reference in the project proposal were issued by SEIAA, U.P. vide letter no. 90/Parya/SEAC/5417/2019, dated 27/05/2020.
3. Public hearing was organized on 16/01/2021 and final EIA report submitted by the project proponent on 11/03/2021.
4. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/47312/2020
2.	File No. allotted by SEIAA, UP	5417
3.	Name of Proponent	Smt Indulata Pandey
4.	Full correspondence address of proponent and mobile no.	Smt Indulata Pandey
		R/o- Sahaspur, Chunar, Mirzapur, Uttar Pradesh.
		Mobile no.-
		E-mail Id- indulatapandey5418@gmail.com

5.	Name of Project	Building Stone (Sandstone) Mining Village –Darhram, Tehsil-Sadar, District–Mirzapur, Uttar Pradesh		
6.	Project Location (Plot.Khasra/Gata No.)	Gata No. –1141, Village –Darhram, Tehsil-Sadar, District–Mirzapur, Uttar Pradesh		
7.	Name of River	NA		
8.	Name of Village	Darhram		
9.	Tehsil	Sadar		
10.	District	Mirzapur		
11.	Name of Minor Mineral	Building Stone (Sandstone) Mining		
12.	Sanctioned Lease Area (in Ha.)	0.607 ha.		
13.	Max. & Min mRL within lease area	109mRL		
14.	Pillar Coordinates (Verified by DMO)	Pillar No	N	E
		A	25° 0'42.26"N	82°41'47.50"E
		B	25° 0'40.90"N	82°41'52.12"E
		C	25° 0'39.58"N	82°41'51.70"E
		D	25° 0'40.99"N	82°41'46.92"E
15.	Total Geological Reserves	125925 m ³		
16.	Total Mineable Reserve (as per Approved Mine Plan)	100602 m ³		
17.	Total Proposed Production	33534 m ³ /year		
18.	Proposed Production /year	33534 m ³ /year		
19.	Sanctioned Period of Mine lease	0.607 ha.		
20.	Production of mine/day	112 m ³ /day		
21.	Method of Mining	Opencast, Semi-Mechanized		
22.	No. of working days	300		
23.	Working hours/day	8		
24.	No. of worker	21		
25.	No. of vehicles movement/day	40		
26.	Type of Land	Private land		
27.	Ultimate of Depth of Mining	100mRL		
28.	Nearest metalled road from site	0.4 km		
29.	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking	0.7 KLD	
		Suppr essio n of dust	3.0 KLD	
		Plantation	0.4 KLD	
		Total	4.1 KLD	
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Green Enviro Engineers Pvt. Ltd. VALID TILL 20/09/2024		
31.	Any litigation pending against the project or land in any court	No		
32.	Details of 500 m Cluster Certificate verified by Mining Officer	vide letter no. 3709/khanij/2020		
33.	Details of Lease Area in approved DSR	0.607 ha.		
34.	Proposed CER cost	Rs. 1.48 lakh		
35.	Proposed EMP cost	Total project cost-82 lakh		
36.	Length and breadth of Haul Road	0.4 km & 6m		
37.	No. of Trees to be Planted	200		

5. The mining would be restricted to unsaturated zone only above the phreatic water table and will not

intersect the ground water table at any point of time.

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

RESOLUTION AGAINST AGENDA NO-02

The committee discussed the matter and recommended the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-2 to the minutes. The committee also stipulated the following specific conditions:

1. Proponent shall submit consent of competent authority/ landowner for haulage road from lease site to link road.
2. Proponent should opt for the latest technology for water spraying (sprinklers) for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement.
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. 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
7. 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.
8. 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.
9. 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.
10. 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.
11. 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.
12. 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.
The project proponent should explore the possibilities of rainwater harvesting.

3. “Affordable Rental Housing Scheme” at Khasra No.- Nil, Deoghat, Jalwa Scheme Allahabad., Shri Saumitra Kumar, R/o-Refineries Division, Core 2, M/s Indian Oil Corporation Limited. File No. 6596/Proposal No. SIA/UP/MIS/229830/2021

The committee noted that the matter was earlier discussed in 593rd SEAC meeting dated 15/11/2021 and the project proponent requested to defer the matter in next SEAC meeting. The committee directed to defer the matter as per requested made by the project proponent. The project proponent vide letter dated 04/12/2021 requested to list the matter in upcoming SEAC meeting.

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 Globus environment engineering services. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for “Affordable Rental Housing Scheme” at Khasra No.- Nil, Deoghat, Jalwa Scheme Allahabad, U.P., M/s Indian Oil Corporation Limited.
2. Salient features of the project:

S. No.	Particulars	Unit	Details
1.	Cost of the project (Including GST@18%)	Rs. (in Crores)	76.05
AREA DETAILS			
PLOT AREA			
2.	Plot Area	m ²	6568
GROUND COVERAGE			
3.	Permissible Ground Coverage (40%)	m ²	2627.2
4.	Proposed Ground Coverage {Residential (32.42%)} -I	m ²	2129.66
5.	Ground Coverage {Facilities (6.71%)} – II	m ²	440.93
6.	Total Ground Coverage Area (39.15%) – (I+II)	m ²	2570.59
FAR AREA			
7.	FAR (Permissible)	m ²	24630
8.	FAR (Proposed)- A	m ²	20322.17
NON-FAR AREA			
9.	Non-FAR Area- B	m ²	2951.83
10.	Built-up Area (A+B)	m ²	23274
11.	Green Area (20.72 % of Plot Area)	m ²	1361.14
12.	Road & Parking Area	m ²	2636.27
13.	No. of Trees Required (Plot area/80)	No.	82
14.	No. of Trees Proposed	No.	82
15.	No. of Floors	No.	G+9
16.	No. of towers	No.	5
17.	Height of building	m	29.9
DWELLING UNITS			
18.	6-Seater Dormitory	No.	110
19.	4-Seater Dormitory	No.	55
20.	1 BHK	No.	192
21.	2BHK	No.	40
22.	Total Dwelling Units	No.	397
POPULATION			
23.	Residents	No.	2153
24.	Staff and maintenance staff	No.	150

25.	Visitors	No.	150
26.	Total Population	No.	2453
SERVICE DETAILS			
27.	Total Power Load (Demand)	kW	1190
28.	Total Connected Load	KW	3137
29.	Backup (DG Sets)	kVA	1*250
ENVIRONMENTAL DETAILS			
30.	Total Water Requirement	KLD	Dry Season: 300 Monsoon Season: 290
31.	Freshwater Requirement	KLD	Dry& Monsoon Season: 189
32.	Total Wastewater Generation	KLD	Dry& Monsoon Season: 253
33.	Wastewater Treatment Scheme (STP Capacity)	KLD	255
34.	Treated Water Reuse	KLD	Dry Season: 111 Monsoon Season: 101
35.	Total Solid Waste	kg/day	1037
36.	Total Biodegradable Waste	kg/day	622
37.	Total Non-Biodegradable Waste	kg/day	415
38.	No. of Rainwater Harvesting Pits	No.	1

3. Land use details:

Land Use	Area (m2)	Percentage
Ground Coverage	2570.59	39.1
Green Area	1361.14	20.7
Parking Area & Road Area	2636.27	40.1
Plot Area	6568	100

4. Water requirement details:

- Total water requirement for project will be 300 KLD. Out of total, freshwater requirement will be 189 KLD that will be sourced from Municipal Supply/deep water borewells while rest will be sufficed by reusing STP treated water within the premises. Total wastewater generation from project will be 253 KLD that will be treated in STP (Capacity-255 KLD) based on MBBR technology. 215 KLD treated water will be generated from which, 111 KLD will be reused for flushing and horticulture. 104 KLD of excess treated water will be sent to nearby construction sites or tanker filling.
- Water Requirement and Wastewater Generation Details:

S. No.	Particular	Unit	Details	
			Dry Season	Monsoon Season
1.	Total Water Requirement	KLD	300	290
2.	Fresh Water Requirement	KLD	189	189
3.	Wastewater Generation	KLD	253	253
4.	Wastewater Treatment Scheme (Sewage Treatment Plant)	KLD	255	
5.	Treated Water Reuse	KLD	111	101
6.	Excess water to Construction Site or Tanker Filling	KLD	104	114

5. Municipal Solid Waste Generation:

Category of Waste	Quantity (kg/day)	Disposal	Applicable Rule
Biodegradable (@60% of waste generated)	622 kg/day	In-house OWC	Solid Waste Management Rules, 2016
Non-Biodegradable (@40% of waste generated)	415 kg/day	Given to Approved Recycler as per applicable Rule	Solid Waste Management Rules, 2016 Plastic Waste Management Rules, 2016 E-Waste (Handling & Management) Rules, 2016

Used Oil (Hazardous Waste)	5 lit/month	Given to Approved Recycler as per applicable Rule	Hazardous & Other Waste Management Rules, 2021
----------------------------	-------------	---	--

6. The project proposal falls under category–8(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO. 03

The committee discussed the matter and recommended grant of environmental clearance on the proposal as above along with the following standard environmental clearance conditions prescribed by MoEF&CC, Govt. of India:

1. Statutory compliance:
 1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
 2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.
 3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
 4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
 6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
 7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
 8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
 9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
 10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
2. Air quality monitoring and preservation:
 1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
 2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
 3. The project proponent shall install system to carry out Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
 4. Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided in consultation with State Pollution Control Board.
 5. The construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site.

These measures shall include screens for the building under construction, continuous dust/ wind-breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.

6. Sand, murrum, loose soil, cement, stored on-site shall be covered adequately so as to prevent dust pollution.
 7. Wet jet shall be provided for grinding and stone cutting.
 8. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
 9. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
 10. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
 11. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
 12. For indoor air quality, the ventilation provisions as per the National Building Code of India.
3. Water quality monitoring and preservation:
1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
 2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
 3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
 4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six-monthly Monitoring reports.
 5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
 6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
 7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
 8. Use of water-saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
 9. Use of water-saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
 10. Water demand during construction should be reduced by the use of pre-mixed concrete, curing agents and other best practices referred.
 11. The local bye-law provisions on rain water harvesting should be followed. If local bylaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.

12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
13. All recharge should be limited to shallow aquifer.
14. No ground water shall be used during construction phase of the project.
15. Any ground water dewatering should be properly managed and shall conform to the a approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
16. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
18. No sewage or untreated effluent water would be discharged through storm water drains.
19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
4. Noise monitoring and prevention:
 1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
 2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
 3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
5. Energy Conservation measures:
 1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
 2. Outdoor and common area lighting shall be LED.
 3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
 4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.

5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
6. Waste Management :
 1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
 2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
 3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
 4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
 5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
 6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
 7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
 8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
 9. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
 10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
7. Green Cover:
 1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
 2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
 3. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
 4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
8. Transport:

1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
 - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points.
 - d. Parking norms as per local regulation.
 2. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
 3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
9. Human health issues :
1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
 2. For indoor air quality the ventilation provisions as per National Building Code of India.
 3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
 4. 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. The housing may be in the form of temporary structures to be removed after the completion of the project.
 5. Occupational health surveillance of the workers shall be done on a regular basis.
 6. A First Aid Room shall be provided in the project both during construction and operations of the project.
10. Corporate Environment Responsibility:
1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
 2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
 3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
 4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate

account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

11. Miscellaneous:

1. Permission from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ nearby drains disposal/drainage systems along with the final disposal point should be obtained.
2. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
3. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
4. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
5. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
6. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
7. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
8. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
9. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
10. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
11. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
12. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
13. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
14. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
15. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
16. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

4. Stone Mining at Gata No.-3096, Khand No.- 12, Village-Bijauli, Tehsil-Sadar, Jhansi, Shri Anoop Parecha, Area-0.8090 ha. File No. 6443/Proposal No. SIA/UP/MIN/219548/2021

The committee noted that the matter was earlier discussed in 576th SEAC meeting dated 04/10/2021 and directed the project proponent to submit following information:

1. Source of drinking water along with MoU between project proponent and water supplier.
2. Mineral transportation plan.
3. Detailed plantation plan with identification of green belt, type and number of plants/trees and their location in consultation with Forest Department should be submitted.
4. Plan for mobile toilet and safe disposal of municipal solid waste.

The project proponent submitted their replies vide letter dated 06/12/2021. 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 India 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 is sought for Bijauli Khanda- Boulder/ Gitti-Ballast Mining project at Gata No 3096 (Khand 12), Village- Bijauli, Tehsil- Sadar, District - Jhansi, U.P., (Leased Area 0.8090 ha).
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/219548/2021		
2. File No. allotted by SEIAA, UP	6443		
3. Name of Proponent	Prop: Shri Anoop Parecha		
4. Full correspondence address of proponent and mobile No.	R/o Bo 30 Ramnath City, Rajgarh, Tehsil- Sadar, District- Jhansi, (U.P.)		
	Mobile No-		
	Email-		
5. Name of Project	Bijauli Khanda- Boulder/ Gitti-Ballast Mining project		
6. Project location (Plot/Khasra/Gata No.)	Gata No 3096 (Khand 12)		
7. Name of River	-		
8. Name of Village	Bijauli		
9. Tehsil	Sadar		
10. District	Jhansi		
11. Name of Minor Mineral	Khanda- Boulder/ Gitti-Ballast		
12. Sanctioned Lease Area (in Ha.)	0.8090		
13. Max & Min mRL within lease area	Max- 274.03 mRL and Min- 267.10 mRL		
14. Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area		
	Pillar No.	Latitude	Longitude
	A	25°21'23.00"N	78°31'55.80"E
	B	25°21'25.70"N	78°31'59.30"E
	C	25°21'27.50"N	78°31'57.90"E
	D	25°21'25.00"N	78°31'54.20"E
15. Total Geological Reserves	2,28,052.5 cum		
16. Total Mineable Reserves in LOI	24,270 cum		
17. Total Proposed Production	1,21,350 cum		
18. Proposed Production/year	24,270 cum		
19. Sanctioned Period of Mine lease	Maximum 20 years		
20. Production of mine/day	93.35		

21. Method of Mining	Open Cast Semi-mechanized Method	
22. No. of working days	260 days	
23. Working hours/day	8 hrs	
24. No. of workers	29	
25. No. of vehicles movement/day	14	
26. Type of Land	Government waste land	
27. Ultimate Depth of Mining	24	
28. Nearest metalled road from site	.60 km	
29. Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.29
	For toilets	0.29
	Suppression of dust	5.8
	Plantation	1.0
	Others (if any)	-
	Total	7.36
30. Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022	
31. Any litigation pending against the project or land in any court	No	
32. Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified	
33. Details of Lease Area in approved DSR	Yes, given in the DSR	
34. Proposed CER cost	Rs 1,23,000/-	
35. Proposed EMP cost	Rs 9,58,000 /-	
36. Length and breadth of Haul Road	Length: 0.55 km, width: 6 m	
37. No. of Trees to be Planted	500 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. 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.
5. There is no litigation pending in any court regarding this project.
6. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-04

The committee discussed the matter and recommended the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-2 to the minutes. The committee also stipulated the following specific conditions:

1. Proponent shall submit consent of competent authority/ landowner for haulage road from lease site to link road.
2. Proponent should opt for the latest technology for water spraying (sprinklers) for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement.
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. 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

7. 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.
8. The project proponent shall submit a final mine closure plan/Exit protocol for rehabilitation of mined-out land to match its surrounding land use 3 years 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.
9. 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.
10. 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.
11. 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.
12. 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. The project proponent should explore the possibilities of rainwater harvesting.

5. Soil Excavation at Gata No.- 50, Village- Shahpur Bujurg, Dhanaura, Amroha, Pawan Chauhan, M/s Jai Bhole Nath, (Leased Area: 2.5210 Ha.) File No. 6577/Proposal No. SIA/UP/MIN/ 229800/2021

The committee noted that the matter was earlier discussed in 590th SEAC meeting dated 09/11/2021 and directed the project proponent to submit following information:

1. NOC from concerned Bank for excavation work.
2. Mine closure plan.
3. Detailed plantation plan with identification of green belt, type and number of plants/trees along with their location.
4. Detailed plan for haul road and dust suppression.

The project proponent submitted their replies vide letter dated 07/12/2021. 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 Earthvision India Associate Consultants. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The Environmental Clearance is sought for Soil Excavation at Gata No. 50, Village- Shahpur Bujurg, Dhanaura, Amroha, U.P., (Leased Area: 2.5210 Ha.), M/s Jai Bhole Nath.
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/229800/2021
2.	File No. allotted by SEIAA,UP	6577
3.	Name of Proponent	M/s JAI BHOLE NATH CONTRACTOR Shri Pawan Chauhan S/o Shri Ram Pal Singh,
4.	Registered Address	R/o- Village- Pal, Post- Salempur Gosain, Gajraula, District- Amroha, Uttar Pradesh.

Minutes of 611th SEAC-2 Meeting Dated 23/12/2021

5.	Full correspondence address of proponent and mobile no.	R/o- Village- Pal, Post- Salempur Gosain, Gajraula, District- Amroha, Uttar Pradesh.			
		Mobile no.- +91 7060148384			
		E-mail ID-pawansoilmine@gmail.com			
6.	Name of Project	Ordinary Soil Mining Project			
7.	Project location Khasra No	Gata No.- 50			
8.	Name of Village	Shahpur Bujurg			
9.	Tehsil	Dhanaura			
10.	District	Amroha, Uttar Pradesh			
11.	Name of Minor Mineral	Ordinary Soil			
12.	Total Area (in Ha.)	2.5210 Ha.			
13.	Mineable Area (in Ha.)	1.7250 Ha.			
14.	Pillar Coordinates (Verified by DMO)	Gata No	Pillar	Latitude	Longitude
		50	A	28°51'24.64"N	78°17'28.42"E
			B	28°51'27.39"N	78°17'26.73"E
			C	28°51'22.82"N	78°17'20.10"E
			D	28°51'20.12"N	78°17'22.04"E
15.	Period of agreement between Project proponent & Land Owner	3 Months			
16.	Mine Plan approval details	Letter No. 945 / खनिज लिपिक / 2021 Dated 25-08-2021			
17.	Validity of Mine Plan	3 Months			
18.	Total Proposed Production	32,000 M3			
19.	Proposed Production/Day	355.55 M3			
20.	Method of Mining	Opencast/ Semi Mechanized			
21.	No. of workers	22 Workers			
22.	Type of Land	Private Land			
23.	Ultimate Depth of Mining	2.20 m			
24.	Water Requirement	Source	Purpose	Details	Avg..Demand/Day
		Portable Tanker	Drinking & others @ 15 lpcd/ worker	22 workers x 15 lpcd	0.33 KLD
			Plantation @5 Lit/plant	50 sapling x 5	0.25 KLD
			Dust suppression @ 2 Lit/Sq.m	Houl Road Area= (10m Length x 6m Width) x 2 Time	0.24 KLD
		Total			0.82 KLD
25.	Name of QCI Accredited Consultant with QCI No and period of validity	M/s Earthvision India Associate Consultants, QCI NABET/EIA/2124/IA 0077 Valid till 24.02.2024			
26.	Any litigation pending against the project or land in any court	No			

27.	Areas which are important or sensitive for ecological reasons – Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests, protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, migration	None
28.	Areas occupied by sensitive manmade land uses (hospitals, schools, places of worship, community facilities)	Hospital: Community Health Centre Aprox. 4.96 KM SW School: Primary School, Shahbajpur Mafi- 1.51 KM NW
29.	Details of 500 m Cluster certificate & Map Verified by Mining Officer	Letter No. 98@[kfut fyfid@2021 Dated 08-09-2021 (Attached as Annx-1)
30.	Proposed CER cost	Rs. 39,460/-
31.	Proposed EMP cost	Rs. 90,000/-
32.	No. of Trees to be Planted.	50
33.	Detail of CTE/CTO issued by UPPCB	NA

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

RESOLUTION AGAINST AGENDA NO. 05

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

6. Group Housing Project "Apex The Rio" at Khasra No.- 526/2,Village-Kanawani(V), Ahinsa Khand -II, Ghaziabad., M/s Rio Heights Pvt. Ltd. File No. 4981/Proposal No. SIA/UP/MIS/ 113366/2019

The committee noted that the matter was earlier discussed in 471st SEIAA meeting dated 02/06/2021 and directed is as follows:

“SEIAA noted that the project proponent has requested to amend the address given in environmental clearance dated 29/05/2020 as - Group Housing Project "Apex The Rio" at Khasra No.- 526/1M,Village-Kanawani, Ahinsa Khand-II, Ghaziabad and SEAC has recommended it. SEIAA gone through file and documents and found that in form-1 and in other documents different Khasra number i.e. Khasra No.-526/2 and Khasra No.-526/1 have been mentioned. Hence, SEIAA opined to refer back the project to SEAC to review what land documents were submitted initially and checked by SEAC to verify the ownership of the land for which amendment is now requested.”

As per the direction of SEIAA, the matter was listed in 611th SEAC meeting dated 23/12/2021. The authorized representatives of project proponent/consultant appeared before SEAC and informed that the environmental clearance for the above project proposal has already been granted by SEIAA, U.P. vide letter no. 97/Parya/SEIAA/4981/2019, dated 29/05/2020 and start the construction work at the project site on behalf of accorded environmental clearance. During the submission of project proposal due to

typographical error the khasra no. mentioned as 526/2 instead of 526/1M and the same has been mentioned in environmental clearance letter dated 29/05/2020. The amendment in environmental clearance (khasra number) submitted by the project proponent on 19/08/2020 through online portal.

A presentation was made by the project proponent along with their consultant M/s Ascenso Enviro Pvt. Ltd. The project proponent informed the committee that the ownership of khasra no. 526/1M registered in favour of M/s Amba Realtors Pvt. Ltd. in revenue department and the name of company changed from M/s Amba Realtors Pvt. Ltd. to Rio Height Pvt. Ltd. by Ministry of Corporate Affairs, Govt. of India. Presently the land ownership under the possession of M/s Rio Height Pvt. Ltd. The project proponent requested to amend the environmental clearance letter dated 29/05/2020 as per details given below:

Details mentioned in EC	Proposed amendment in EC
Group Housing Project "Apex The Rio" at Khasra No.-526/2,Village-Kanawani, Ahinsa Khand-II, Ghaziabad., M/s Rio Heights Pvt. Ltd.	Group Housing Project "Apex The Rio" at Khasra No.-526/1M,Village-Kanawani, Ahinsa Khand-II, Ghaziabad., M/s Rio Heights Pvt. Ltd.

RESOLUTION AGAINST AGENDA NO-06

The committee discussed the matter and found the reply (land ownership document, name of change in company) submitted by project proponent is satisfactory and recommended to amend the environmental clearance letter no. 97/Parya/SEIAA/4981/2019 dated 29/05/2020 per above project details. The committee also directed the project proponent that all the contents mentioned in Environmental Clearance letter no. 97/Parya/SEIAA/4981/2019 dated 29/05/2020 dated 23/01/2019 shall remain same.

7. Assembling of Led Lights & Components at Plot No.-10, Sector-156, Noida, M/s Ikio Solution Pvt. Ltd. File No. 6328/Proposal No. SIA/UP/MIS/ 211400/2021

The committee noted that the matter was earlier discussed in 495th SEIAA meeting dated 29/09/2021 and directed is as follows:

"SEIAA noted that SEAC has recommended to grant EC to the above project in its meeting dated 29.07.2021. SEIAA gone through file and documents and found that the affidavit submitted by the project proponent mentions - "Salient features of the mining project as per Form-1 submitted online by project proponent." Further, in the affidavit it is mentioned that Environmental Clearance is sought to develop a assembling of LED light and components whereas application is made under building category. Assembling of Led Lights & Components is not given in the schedule of EIA notification. SEIAA also noted that in the application it is mentioned that water required will be taken from private tankers but quantity of water required is not mentioned. Waste water from mobile toilets is proposed to be disposed by tankers but final disposal of waste water is not mentioned. Similarly construction waste has not been quantified. Proposal for disposal of construction waste as per rules shall be submitted along with above information.

PP is required to submit desired information and carry out necessary corrections. Consultant needs to be more professional in their approach in preparing documents. Concerned SEAC is advised to examine the projects diligently."

As per the direction of SEIAA, the matter was listed in 611th SEAC meeting dated 23/12/2021. The project proponent submit the reply of queries raised by SEIAA on 22/12/2021. The project proponent submitted as follows:

Query	Reply																																																		
EC is sought to develop a assembling of LED light and its component but the application is made under building category.	The project is a construction project having Built up Area 79,052.52 m² falling under 8a category of EIA notification. The constructed area will be used for Assembling of LED light and its component.																																																		
Quantity of water required is not mentioned	<table><tr><th>Purpose</th><th>Detail</th><th>Avg. Demand/Day</th><th>Source</th></tr><tr><td>Drinking@10 litre/worker</td><td>100 workers x 10 lpcd= 1000 lpcd</td><td>1.0 KLD</td><td>Private Water Tanker</td></tr><tr><td>Toilet @10 litre/worker (MobileToilets)</td><td>100 workers x 10 lpcd= 1000 lpcd</td><td>1.0 KLD</td><td>STP Treated Water</td></tr><tr><td>Construction use</td><td>For Various use in construction & for anti smog gun</td><td>3.0 KLD</td><td>STP Treated Water</td></tr><tr><td>Dust suppression & Plantation</td><td>Around Plot Boundary = (500 m Length x 6 m Width = 3000 m2) x 2 lpcd/Sq.m = 6000 lpcd</td><td>6.0 KLD</td><td>STP Treated Water</td></tr><tr><td colspan="2">Total</td><td>11.0 KLD</td><td></td></tr></table>	Purpose	Detail	Avg. Demand/Day	Source	Drinking@10 litre/worker	100 workers x 10 lpcd= 1000 lpcd	1.0 KLD	Private Water Tanker	Toilet @10 litre/worker (MobileToilets)	100 workers x 10 lpcd= 1000 lpcd	1.0 KLD	STP Treated Water	Construction use	For Various use in construction & for anti smog gun	3.0 KLD	STP Treated Water	Dust suppression & Plantation	Around Plot Boundary = (500 m Length x 6 m Width = 3000 m2) x 2 lpcd/Sq.m = 6000 lpcd	6.0 KLD	STP Treated Water	Total		11.0 KLD																											
	Purpose	Detail	Avg. Demand/Day	Source																																															
	Drinking@10 litre/worker	100 workers x 10 lpcd= 1000 lpcd	1.0 KLD	Private Water Tanker																																															
	Toilet @10 litre/worker (MobileToilets)	100 workers x 10 lpcd= 1000 lpcd	1.0 KLD	STP Treated Water																																															
	Construction use	For Various use in construction & for anti smog gun	3.0 KLD	STP Treated Water																																															
	Dust suppression & Plantation	Around Plot Boundary = (500 m Length x 6 m Width = 3000 m2) x 2 lpcd/Sq.m = 6000 lpcd	6.0 KLD	STP Treated Water																																															
	Total		11.0 KLD																																																
	-RMC will used so no water required at site for cement mixing																																																		
	-Mobile STP of 2 KLD will be installed at site for treating the Effluent and The treated water will be used in dust suppression.																																																		
	Calculations For Daily Water Demand (Operation Phase):																																																		
<table><tr><th>S. No.</th><th>Description</th><th>Total Occupancy</th><th>Rate of Fresh water demand (lpcd)</th><th>Total Fresh Water (KLD)</th><th>Rate of Flushing water demand (lpcd)</th><th>Total Flushing/ Recycled water (KLD)</th><th>Total Water Requirement (KLD)</th></tr><tr><td>1.</td><td>Staff</td><td>1150</td><td>20</td><td>23</td><td>10</td><td>11.5</td><td>31.5</td></tr><tr><td>2.</td><td>Visitors</td><td>40</td><td>5</td><td>0.2</td><td>10</td><td>0.4</td><td>2.4</td></tr><tr><td>3.</td><td>Staff (Remains in Office)</td><td>10</td><td>90</td><td>0.9</td><td>35</td><td>0.35</td><td>1.35</td></tr><tr><td colspan="4">Total Domestic water</td><td>24.1 say 24</td><td></td><td>12.25 say 12</td><td>36.35 say 36</td></tr><tr><td></td><td>Soft scape</td><td>2,681.13</td><td>6 l/sqm</td><td></td><td></td><td>16</td><td>16</td></tr></table>				S. No.	Description	Total Occupancy	Rate of Fresh water demand (lpcd)	Total Fresh Water (KLD)	Rate of Flushing water demand (lpcd)	Total Flushing/ Recycled water (KLD)	Total Water Requirement (KLD)	1.	Staff	1150	20	23	10	11.5	31.5	2.	Visitors	40	5	0.2	10	0.4	2.4	3.	Staff (Remains in Office)	10	90	0.9	35	0.35	1.35	Total Domestic water				24.1 say 24		12.25 say 12	36.35 say 36		Soft scape	2,681.13	6 l/sqm			16	16
S. No.	Description	Total Occupancy	Rate of Fresh water demand (lpcd)	Total Fresh Water (KLD)	Rate of Flushing water demand (lpcd)	Total Flushing/ Recycled water (KLD)	Total Water Requirement (KLD)																																												
1.	Staff	1150	20	23	10	11.5	31.5																																												
2.	Visitors	40	5	0.2	10	0.4	2.4																																												
3.	Staff (Remains in Office)	10	90	0.9	35	0.35	1.35																																												
Total Domestic water				24.1 say 24		12.25 say 12	36.35 say 36																																												
	Soft scape	2,681.13	6 l/sqm			16	16																																												
-During Operation phase source of fresh water will be Municipal Supply by Noida Authority.																																																			
-For Flushing Recycled water will be used by using the dual plumbing.																																																			
-STP of 40 KLD will be installed during construction phase																																																			

	-For any Ground water extraction CGWA NOC will be taken after grant of EC.															
Mode of disposal of waste water generated from mobile toilet	<p>-Mobile STP of 2 KLD will be installed at site for treating the Effluent and The treated waste water will be used in dust suppression.</p> <p>-If required treated waste water will be discharged in Noida Authority Sewage treatment Plant located at Sec 50.</p> <table><tr><td>Purpose</td><td>Detail</td><td>Avg. Demand/Day</td><td>Source</td></tr><tr><td>Toilet @10 litre/worker (MobileToilets)</td><td>100 workers x 10 lpcd= 1000 lpcd</td><td>1.0 KLD</td><td>STP Treated Water</td></tr><tr><td colspan="2">Total</td><td>1.0 KLD</td><td></td></tr></table>				Purpose	Detail	Avg. Demand/Day	Source	Toilet @10 litre/worker (MobileToilets)	100 workers x 10 lpcd= 1000 lpcd	1.0 KLD	STP Treated Water	Total		1.0 KLD	
Purpose	Detail	Avg. Demand/Day	Source													
Toilet @10 litre/worker (MobileToilets)	100 workers x 10 lpcd= 1000 lpcd	1.0 KLD	STP Treated Water													
Total		1.0 KLD														
Proposal for Disposal of Construction waste	<table><tr><th>S. No</th><th>LIKELY IMPACT</th><th>MANAGEMENT/ MITIGATIVE MEASURES</th></tr><tr><td>1. 2.</td><td>Types of waste such as bricks, concrete, MS rods, tiles, wood etc. is expected to be generated. Soil will be excavated periodically from earth work in phased manner.</td><td>Construction yards are proposed for storage of construction material. Excavated top soil will be stored in temporary constructed soil bank and will be reused for landscaping of the project. Remaining soil will be utilized for refilling/road work/raising of site level at locations. There will be “Refuse Containers” at site for the management of domestic waste generated by the construction labourers and these containers will be emptied at least once daily. Cement bags, waste paper and packing material (cardboard) will be sold off to recyclers.</td></tr></table> <p>-A Govt. Authorized vendor will be appointed to collect and dispose the Organic and inorganic waste.</p> <p>-Use of RMC will minimize the waste generated due to construction activity</p>				S. No	LIKELY IMPACT	MANAGEMENT/ MITIGATIVE MEASURES	1. 2.	Types of waste such as bricks, concrete, MS rods, tiles, wood etc. is expected to be generated. Soil will be excavated periodically from earth work in phased manner.	Construction yards are proposed for storage of construction material. Excavated top soil will be stored in temporary constructed soil bank and will be reused for landscaping of the project. Remaining soil will be utilized for refilling/road work/raising of site level at locations. There will be “Refuse Containers” at site for the management of domestic waste generated by the construction labourers and these containers will be emptied at least once daily. Cement bags, waste paper and packing material (cardboard) will be sold off to recyclers.						
S. No	LIKELY IMPACT	MANAGEMENT/ MITIGATIVE MEASURES														
1. 2.	Types of waste such as bricks, concrete, MS rods, tiles, wood etc. is expected to be generated. Soil will be excavated periodically from earth work in phased manner.	Construction yards are proposed for storage of construction material. Excavated top soil will be stored in temporary constructed soil bank and will be reused for landscaping of the project. Remaining soil will be utilized for refilling/road work/raising of site level at locations. There will be “Refuse Containers” at site for the management of domestic waste generated by the construction labourers and these containers will be emptied at least once daily. Cement bags, waste paper and packing material (cardboard) will be sold off to recyclers.														

RESOLUTION AGAINST AGENDA NO. 07

In view of above, the committee went through the replies submitted by the project proponent and found it satisfactory. Hence, the committee recommended grant of environmental clearance for the project proposal along with environmental clearance conditions earlier stipulated in 553rd SEAC meeting dated 29/07/2021.

8. **Production capacity: Expansion of Existing Tannery unit from capacity of 4.5 TPD of Finished Leather (Wet Blue to Finished Leather) to 5TPD of Finished Leather (Raw to Finished Leather) at Plot No. A-3/2 & A3/3, Jainpur Industrial Area, Kanpur Dehat, M/s Tirubala Exports (India) Private Limited, Uttar Pradesh. File No. 5317/Proposal No. SIA/UP/IND/54278/2020**

RESOLUTION AGAINST AGENDA NO. 08

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 Perfect Enviro Solutions Pvt. Ltd.

The committee discussed the matter and directed the project proponent to submit the additional Documents/information:

1. Notarized Affidavit /undertaking regarding the processing of hides during this period which clarifies that the industry has not processed the raw hides to wet blue.
2. Chartered Accountant verified certificate showing cost of existing assets, proposed plant and machinery to ascertain the cost of the project.
3. Revised EIA report in compliance with the Appendix III of the EIA notification 2006 amended to date.
4. Revised FORM I submitted with the application and give quantifiable values with respect to each point.
5. Submit an Undertaking that the project site is not within Critically polluted areas (CPA).
6. Revised plan for solid waste disposal which is generated during the process operations (like flashing, leather cutting and leather dust etc.) for proper disposal and also used for valuable products.
7. Revised plan for maximum utilisation of rain water and seasonal water balance flow diagram.
8. Revised material balance of the production in view of clearly specifying number of hides/ skins and weight of raw material rather than finished product
9. Revised online filled FORM-2 in view of the water management, land use breakup of study area, Public hearing proceedings etc.
10. Recast the 'alternative technologies' section of the report and resubmit in view of latest technological developments. The technology may be approved by any institution of national repute like IIT, NIT, CSIR etc. working in this area to ensure that the Best Available Technology (BAT) is implemented for a sustainable environment.
11. NOC from Central Ground Water (CGW) for water abstraction.
12. Revised water management plan with respect to the consumption at various stages in the process and ensure the compliance of EPA rule.
13. Submit Networking plan for Industrial dual pipeline network in its premises for use of treated water to ensure the zero liquid discharge.

The matter shall be discussed after submission of online information on prescribed portal.

9. Construction of 4656, G+3, EWS, Affordable Housing under Pradhan Mantri Awas Yojna at Basant Kunj Yojna, Sector-I, Hardoi Road Scheme, Lucknow. File No. 6697/Proposal No. SIA/UP/MIS/69442/2021

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 ENV DAS (India) Pvt. Ltd., Lucknow. 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 Construction of 4656, G+3, EWS, Affordable Housing under Pradhan Mantri Awas Yojna at Basant Kunj Yojna, Sector-I, Hardoi Road Scheme, Lucknow, M/s Lucknow Development Authority.

2. Area details of the project:

S.NO	Description	Area (m ²)	Percentage
1	Plot Area	1,44,270.68	100
2	Area Under PMAY Block	49,492.99	34.31
3	Area Under Open Space (Park + Parking & Green)	21697.29	15.04
4	Area Under Commercial	7788.71	05.04
5	Area Under Police Chowki	740.65	00.51
6	Area under Health Centre+ N.H.	4822.17	03.34
7	Area under primary School	1004.01	00.71
8	Area under Educational	9156.76	06.34
9	Area under Garbage Collection	330.51	00.23
10	Area under Roads	49237.59	34.14
11.	Proposed Ground Coverage for residential	49,492.99	
12.	Max Ground Coverage for Commercial	3115.48	((@40%))
13.	Max Ground Coverage for Nursing Home & Health Centre	1446.65	((@30%))
14.	Max Ground Coverage for primary School	331.32	((@33%))
15.	Max Ground Coverage for Educational Institute	3204.86	((@35%))
	FAR Calculation (As per Town & Country Planning Organisation)		
16	Max FAR for Commercial	15,577.42	((@2.0))
17	Max FAR for Nursing Home & Health Centre	7233.25	((@1.50))
18	Max FAR for Educational Institute including primary School	15,241.15	((@1.50))
19	Total FAR Area (Commercial+ Nursing Home & Health Centre+ Educational Institute)	38,051.82	
20.	Total Non-FAR Area	9512.95	
21.	Total no. of Units	4656 units	
22.	Built up Area of 1 EWS unit	32.02	
23.	Total built up Area of all EWS units	32.02 × 4656 units = 1,49,085.12 m ²	
24.	Total Built up Area of the project	1,96,649.89 m ² (1,49,085.12+38,051.82+ 9512.95)	
25.	Number of floors	G+3	
26.	Height of the building	15m (EWS)	

3. Land use details:

S.no	Particulars	Area
1	Area Under PMAY Block	49,492.99

2	Area Under Open Space	21697.29
3	Area Under Commercial	7788.71
4	Area Under Police Chowki	740.65
5	Area under Health Centre + N.H.	4822.17
6	Area under primary School	1004.01
7	Area under Educational	9156.76
8	Area under Garbage Collection	330.51
9	Area under Roads	49237.59
10	Total	1,44,270.68

4. Population details:

S.no.	Particular	Population
1.	Residential	23,280
2.	Students + staff	600
3	Visitors	2400
5	N.H & Health Centre	150 beds
6	Visitors	300
7	Staff (N.H & Health Centre)	200
	Total	26,930

5. Water/waste water details:

Drinking Water	2137 KLD
Flushing	1069 KLD
Horticulture / Landscape	108 KLD
Total Water Requirement	3314 KLD
Source of water - Ground Water Supply	
Waste water - 2612 KLD	
Combined STP of 15 MLD is proposed at approx. 2km from the project site & will be constructed & managed by Jal Nigam. Waste water will be discharged in it.	

• Water/Waste Water Details of Health Centre & Nursing Home

Drinking Water	45 KLD
Flushing	20 KLD
HVAC	11 KLD
Total Water Requirement	76 KLD
Waste water - 61 KLD	
The 61 KLD of waste water (@80% of total water i.e. 76 KLD) will be generated from the Health Centre and Nursing Home which will be treated in ETP of capacity 75 KLD proposed at the site. After that the treated water will be discharged in the combined STP of capacity 15 MLD proposed nearby the site.	

6. Solid waste details:

S.No.	Particulars	Population	Waste generated (kg/day)
1.	Residential (@0.5kg/day)	23,280	11640
2.	Visitors (@ 0.15kg/day)	2400	360
3.	Student + Staff (@0.25 kg/day)	600	150
Total Solid waste generated			12150 Kg/day
Horticulture Waste(.0037/sqm/day) (21697.29sqm)			80Kg/Day
E-Waste (0.15 kg/C/Yr)			10Kg/Day

• Waste generation from Health Centre:

S.No.	Particulars	Population	Waste generated (kg/day)
1	Health Centre & Nursing Home(Solid Waste) (@2 kg/bed /day)	150 beds	300
2	Visitors (@ 0.15kg/day)	300	45
3	Staff (@0.25 kg/day)	200	50
Total waste generation			395 kg/day
Biomedical waste generation (@ 0.277 kg/day)		150 beds	42kg/day

7. Power requirement details:
 - Total Electricity Requirement =14000 KW (For Residential Development)
 - Source of Electricity: Madhyanchal Vidyut Vitaran Nigam Limited (MVVNL) (33/11KV, 2x10 MVA substation, Sector-I)
 - Backup Supply: Nil (No power back up will be provided in residential units) Back up in other areas (School, Commercial & Health Centre) will be provided as per the requirement.
8. The project proposal falls under category-8(b) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO. 09

The committee discussed the matter and recommended to issue the standard terms of reference (TOR) prescribed by MoEF&CC, GoI for the preparation of EIA report:

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. Plot/Gata/Khasra number of the project proposal should be submitted in tabular form along with proper calculation of the plot area.
8. Submit the present land use and permission required for any conversion such as forest, agriculture etc.
9. Submit Roles and responsibility of the developer etc for compliance of environmental regulations under the provisions of EP Act.
10. Ground water classification as per the Central Ground Water Authority.
11. Examine the details of Source of water, water requirement, use of treated waste water and prepare a water balance chart.
12. 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.
13. Examine soil characteristics and depth of ground water table for rainwater harvesting.
14. Examine details of solid waste generation treatment and its disposal.
15. 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.
16. 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.
17. 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.
18. A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.

19. Examine the details of transport of materials for construction which should include source and availability.
20. Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.
21. Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
22. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
23. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
24. Examine the probable displacement/ disturbance of human/wild animal/birds settlement/migration due to impact of proposed project and suggest the suitable mitigation measures
25. 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.
26. 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>".

10. ASPG Infra Global Pvt. Ltd., Khasra No. 1266 1267 1270 1271 and 1272, Noor Nagar, Ghaziabad. File No. 6699/Proposal No. SIA/UP/MIS/236754/2021

RESOLUTION AGAINST AGENDA NO-10

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

11. Commercial Building Complex for Retail outlets/shops and service shops, etc. at Plot No.C-01,02, Knowledge Park-02, Greater Noida, Uttar Pradesh by Shree Kunj Bihariji Infracon Pvt. Ltd. File No. 6704/Proposal No. SIA/UP/MIS/240388/2021

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 Enviro Infra Solutions Pvt. Ltd. Based on the documents submitted and presentation made by the project proponent along with the consultant, the following facts have emerged: -

1. The environmental clearance is sought for Commercial Building Complex for Retail outlets/shops and service shops, etc. at Plot No.C-01,02, Knowledge Park-02, Greater Noida, Uttar Pradesh by Shree Kunj Bihariji Infracon Pvt. Ltd.
2. The total plot area is 9348 m² whereas total proposed built-up Area is 3068695 sq.mt.
3. Expected population during operation will be approx. 3602 persons.
4. Area details of the project:

Sl. No.	Description	Quantity	Unit
Total Area of the project			
1	Plot Area	9348	SQMT
2	Per F.A.R. @ 2	18696	SQMT
3	Proposed FAR@1.972	18435.95	SQMT
4	Per. Ground Coverage @ 40%	3739.20	SQMT
5	Proposed ground coverage@39.13%	3657.43	SQMT

6	Permissible Service F.A.R@15%	2804.40	SQMT
7	Proposed Service F.A.R Area	3056.03	SQMT
8	Service Area added to F.A.R Area	251.63	SQMT
9	Final Proposed F.A.R@1.999	18687.58	SQMT
10	Basement 2	5648.48	SQMT
11	Basement 1	5597.38	SQMT
12	Ground floor	3689.18	SQMT
13	First Floor	3689.18	SQMT
14	Second Floor	3689.18	SQMT
15	Third Floor	2788.77	SQMT
16	Fourth Floor	2639.17	SQMT
17	Fifth Floor	2607.54	SQMT
18	Mumty & Machine Room, Water Tank	338.08	SQMT
19	Total Parking Area	883.78	SQMT
20	Total landscape Area/Green Area	1425.83	SQMT
21	Total Open Area	5608.80	SQMT

5. Water requirement details:

Total Water Requirement	96	KLD
Fresh water requirement	34.28	KLD
Treated Water Requirement	61.52	KLD
Waste water Generation	68.36	KLD
Proposed Capacity of STP	85	KLD
Treated Water Available for Reuse	61.52	KLD
Discharged in Municipal Sewer	Zero	KLD
RAIN WATER HARVESTING		
No of RWH of Pits Proposed	3	No.

6. Waste water details:

- Estimated waste water Generation: 68.36 KLD
- Treated waste water generation: 61.52 KLD
- Proposed STP (Capacity): 85 KLD
- Proposed treatment methodology : SBR (Sequence Batch Reactor)
- Treatment up to tertiary level.
- STP shall have power back-up for uninterrupted operation during power failure.
- Treated waste water will be used for flushing, Gardening & Road wash.

7. Parking and other project details:

PARKING			
1	Total Permissible FAR Area	18696.0	SQMT
2	ECS Required @50 sq.mt. of per FAR	374	Nos.
3	ECS Provided	378	Nos.
4	Parking at Open Surface (44 Nos)	883.78	SQMT
5	Parking at Basement-1 (142 Nos.)	4245.830	SQMT
6	Parking at Basement-2 (192 Nos.)	4949.141	SQMT
7	Total Parking Area	10078.751	SQMT
GREEN AREA			
1.	Green Area Required @ 25% of Open Area (5608.80 SQMT)	1402.20	SQMT
2	Green Area proposed	1425.83	SQMT
ENERGY			
1.	Total Power Requirement (Source : UPPCL)	1050	KVA
2.	DG set backup	1050	KVA
3.	DG sets Proposed (Air cooled)	1 x 600 + 1 x 450	KVA
4.	No of DG Sets	02	No.

8. The project proposal falls under category–8(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO. 11

The committee discussed the matter and recommended grant of environmental clearance on the proposal as above along with the following standard environmental clearance conditions prescribed by MoEF&CC, Govt. of India:

1. Statutory compliance:
 1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
 2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightening etc.
 3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
 4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
 6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
 7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
 8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
 9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
 10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
2. Air quality monitoring and preservation:
 1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
 2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
 3. The project proponent shall install system to carry out Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
 4. Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided in consultation with State Pollution Control Board.
 5. The construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind-breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.

6. Sand, murram, loose soil, cement, stored on-site shall be covered adequately so as to prevent dust pollution.
 7. Wet jet shall be provided for grinding and stone cutting.
 8. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
 9. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
 10. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise mission standards.
 11. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
 12. For indoor air quality, the ventilation provisions as per the National Building Code of India.
3. Water quality monitoring and preservation:
1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
 2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
 3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
 4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six-monthly Monitoring reports.
 5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
 6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
 7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
 8. Use of water-saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
 9. Use of water-saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
 10. Water demand during construction should be reduced by the use of pre-mixed concrete, curing agents and other best practices referred.
 11. The local bye-law provisions on rain water harvesting should be followed. If local bylaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
 12. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not

feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.

13. All recharge should be limited to shallow aquifer.
 14. No ground water shall be used during construction phase of the project.
 15. Any ground water dewatering should be properly managed and shall conform to the a approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
 16. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
 17. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, not related water shall be disposed in to municipal drain.
 18. No sewage or untreated effluent water would be discharged through storm water drains.
 19. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
 20. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP.
 21. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Centre Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
4. Noise monitoring and prevention:
1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
 2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
 3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
5. Energy Conservation measures:
1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
 2. Outdoor and common area lighting shall be LED.
 3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
 4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
 5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.

6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
6. Waste Management :
 1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
 2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
 3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
 4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
 5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
 6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
 7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
 8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
 9. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
 10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
7. Green Cover:
 1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
 2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
 3. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
 4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
8. Transport:
 1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be

designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.

- a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points.
 - d. Parking norms as per local regulation.
2. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
9. Human health issues :
 1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
 2. For indoor air quality the ventilation provisions as per National Building Code of India.
 3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
 4. 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. The housing may be in the form of temporary structures to be removed after the completion of the project.
 5. Occupational health surveillance of the workers shall be done on a regular basis.
 6. A First Aid Room shall be provided in the project both during construction and operations of the project.
10. Corporate Environment Responsibility:
 1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
 2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
 3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
 4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of

action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

11. Miscellaneous:

1. Permission from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ nearby drains disposal/drainage systems along with the final disposal point should be obtained.
2. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
3. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
4. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
5. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
6. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
7. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
8. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
9. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
10. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
11. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
12. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
13. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
14. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
15. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
16. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

12. Soil Excavation form Khasra/Gata Nos.2035, Khand No. 777, at Village- Hadaha, District – Unnao., Shri Brij Kishor Dwivedi, Area– 2.897 ha. File No. 6714/Proposal No. SIA/UP/MIN/237962/2021

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

1. The Environmental Clearance is sought for soil excavation at Khasra/Gata Nos. 2035, Khand No. 777, Village- Hadaha, Tehsil & District - Unnao, Uttar Pradesh, (Leased Area– 2.897 ha).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/237962/2021		
2.	File No. allotted by SEIAA, UP	6714		
3.	Name of Proponent	Shri Brij Kishor Dwivedi		
4.	Full correspondence address of proponent and mobile no.	Shri Brij Kishor Dwivedi S/O Maharaj Narain Dwivedi, H No. 972 Indra Nagar, Thana Sadar, Tehsil & District - Unnao, Uttar Pradesh		
		Mobile no. –		
		E mail ID - unnaomitti10@gmail.com		
5.	Name of Project	Simple soil excavation (Period 3.0 month) at Khasra/Gata Nos.2035, Khand No. 777, Area– 2.897 ha at Village- Hadaha, Tehsil & District - Unnao, Uttar Pradesh.		
6.	Project Location (Plot. Khasra/Gata No.)	Khasra/Gata Nos.2035, Khand No. 777, Area– 2.897 ha at Village- Hadaha, Tehsil & District - Unnao, Uttar Pradesh		
7.	Name of River	Ganga River		
8.	Name of Village	Village – Bether Tehsil & District - Unnao, Uttar Pradesh.		
9.	Tehsil	Unnao		
10.	District	Unnao		
11.	Name of Minor Mineral	Simple soil mining		
12.	Sanctioned Lease Area (in Ha.)	2.897ha		
13.	Max. & Min mRL within lease area	The highest level is 127 mRL The lowest level is 126.5 mRL		
14.	Pillar Coordinates (Verified by DMO)	Pillar	Latitude	Longitude
		A	26°24'53.88"N	80°32'0.30"E
		B	26°24'52.19"N	80°32'2.72"E
		C	26°24'52.77"N	80°32'3.87"E
		D	26°24'50.42"N	80°32'5.91"E
		E	26°24'49.65"N	80°32'9.45"E
		F	26°24'45.46"N	80°32'7.23"E
		G	26°24'47.60"N	80°32'4.53"E
		H	26°24'47.80"N	80°32'4.10"E
		I	26°24'49.74"N	80°32'2.12"E
		J	26°24'49.86"N	80°32'2.31"E
		K	26°24'52.74"N	80°31'59.17"E
15.	Total Geological Reserves	72,425 m ³		
16.	Total Mineable Reserve	57,360.6 m ³		
17.	Total Proposed Production	50,000 m ³ (3.0 Months)		
18.	Proposed Production /year (as per LoI)	50,000 m ³ (3.0 Months)		

19.	Sanctioned Period of Mine lease	0.3 years
20.	Production of mine/day	556 m ³ /day
21.	Method of Mining	Semi Mechanized
22.	No. of working days	90
23.	Working hours/day	12
24.	No. of worker	20
25.	No. of vehicles movement/day	46
26.	Type of Land	Govt./Non Forest Land
27.	Ultimate of Depth of Mining	2.5 m (For Mining Plan Period)
28.	Nearest metalled road from site	0.240 km
29.	Water Requirement	PURPOSE
		Drinking - 0.20 KLD
		Suppression of dust - 1.6 KLD
		Plantation - 0.20 KLD
		Others (if any) - 0.00 KLD
		Total - 2.0 KLD
30.	Name of QCI Accredited Consultant with QCI No and period of validity.	Paramarsh Servicing Environment and development NABET/EIA/1821 RA 0120 Valid till – 13/01/2022
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-2895/Khanij Vibhag/2020-21 dated 6/10/2021
33.	Details of Lease Area in approved DSR	Serial no. -- Page no. --
34.	Project Cost	7.50 Lac/annum
35.	Proposed CER cost	0.17 Lac/annum
36.	Proposed EMP cost	1.0 Lacs
37.	Length and breadth of Haul Road	Length – 300 m, Breadth – 6.00 m
38.	No. of Trees to be Planted	150

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

RESOLUTION AGAINST AGENDA NO. 12

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-2 to these minutes.

13. Proposed river bed Sand/Morrum Mining Project from Sone River at Gata No.-385, Khand No.- Dha, Village-Barhmori, Tehsil-Obra, District-Sonbhadra, U.P., (Leased Area-12.146 Ha), M/s Vardhman Investment and Company. File No. 6234/Proposal No. SIA/UP/MIN/61304/2021

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 Environmental Clearance is sought for river bed Sand/Morrum Mining from Sone River at Gata No.-385, Khand No. Dha, Village-Barhmori, Tehsil-Obra, District-Sonbhadra, U.P., (Leased Area- 12.146 Ha), M/s Vardhman Investment and Company.
2. The Terms of reference in the matter were issued by SEIAA U.P vide letter no: 112/Parya/SEAC/6234/2019, dated 11/06/2021.
3. The Public Hearing was organized on 11/12/2021. Final EIA submitted by 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/61304/2021		
2. File No. allotted by SEIAA, UP	6234		
3. Name of Applicant	M/s Vardhman Investment And Company Prop Shri Rajiv Gupta S/o Shri Sundarlal Ji Gupta		
4. Full correspondence address of proponent and mobile no.	Shanti Enclave, Kalpi, Brajroad, Morar Gwalior, M.P.		
5. Name of Project	Morrum Mining along Sone River bed at Arazi No.- 385 (Khand Dha), Village- Brahmori, Tehsil- Obra, District- Sonbhadra, U.P.		
6. Project location (Plot/Khasra/Gata No.)	Village – Brahmori, Araj No. 385 (Khand Dha), Tehsil- Obra, District- Sonbhadra, State- Uttar Pradesh.		
7. Name of River	Sone River		
8. Name of Village	Brahmori		
9. Tehsil	Obra		
10. District	Sonbhadra		
11. Name of Minor Mineral	Morrum		
12. Sanctioned Lease Area (in Ha.)	12.146 Ha		
13. Mineable Area (in Ha.)	11.2827 Ha.		
14. Zero level mRL	154 mRL		
15. Max. & Min mRL within lease area	163 mRL to 159 mRL		
16. Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
	Total Lease Area Coordinate (12.146 ha)		
	A	24°28'17.46"N	83°12'44.27"E
	B	24°28'14.14"N	83°12'53.98"E
	C	24°28'01.44"N	83°12'53.67"E
	D	24°28'02.06"N	83°12'43.54"E
17. Total Geological Reserves	3,38,481 m ³		
18. Total Mineable Reserves	2,00,930 m ³		
19. Proposed Production/year (as per LoI)	1,94,336 m ³ /year		
20. Total Production (5 Years)	9,71,680 m ³		
21. Sanctioned Period of Mine lease	5 Years		
22. Average Production of mine/day	777.344 m ³ /Day		
23. Method of Mining	Opencast Semi-mechanized mining		
24. No. of working days	250 days/ Year		
25. Working hours/day	12 Hours		
26. No. Of workers	64		
27. No. Of vehicles movement/day	64		
28. Type of Land	Govt. Land		
29. Ultimate Depth of Mining	2.0 m		
30. Nearest metaled road from site	700 m		
31. Water Requirement	Purposes	Requirement (KLD)	
	Drinking	0.64	
	Suppression of dust	2.96	
	Plantation	8.56	
	Others (if any)	0.00	
	Total	12.24	

32. Name of QCI Accredited Consultant with QCI No and period of validity.	GreencIndia Consulting Pvt Ltd. NABET/EIA/1619/RA0058 valid till 27/10/2022
33. Any litigation pending against the project or land in any court	No
34. Details of 500 m Cluster Map & certificate verified by Mining Officer	356/ Khanij /2021 dated 29 th January, 202
35. Details of Lease Area in DSR	Page No – 26, Table 8b, Serial No.- 02
36. Length and breadth of Haul Road	Length 700 m, Width 6.0 m
37. Proposed CER Cost	Rs. 2,81,584/-
38. Proposed EMP Cost	Rs. 8,73,666/-
39. No. of Trees to be planted	5403 Trees

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

RESOLUTION AGAINST AGENDA NO. 13

The committee discussed the matter and recommended the grant of environmental clearance for the project proposal along with general and specific conditions as annexed at Annexure-3 to the minutes. The committee also stipulated the following specific conditions:

1. Proponent shall submit consent of competent authority/ landowner for haulage road from lease site to link road.
2. Proponent should opt latest technology for water spraying (sprinklers) for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement.
3. 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.

Nodal, SEAC-2

**(Prof. Jaswant Singh)
Member, SEAC-2**

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

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

**(Tanzar Ullah Khan)
Member, SEAC-2**

**(Dr. Shiv Om Singh)
Member, SEAC-2**

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

Annexure-1

General and Specific Conditions for Soil Earth Mining Projects:-

General condition:

1. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
2. Any mining activity shall be undertaken only after valid permission from Mining Department/District Administration and written agreement with land owner from where earth excavation is proposed.
3. No change in mining technology and scope of working shall be made without approval of Authority.
4. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
5. The Authority reserves the right to revoke the clearance if conditions stipulated are not implemented. The Authority will also be entitled to impose additional environmental conditions or modify the existing ones, if necessary.
6. In case of any deviation or alteration in the project proposed from those submitted to this Authority for clearance, a fresh reference should be made to the Authority to assess the adequacy of the condition(s) imposed and to add additional environmental protection Measures required, if any.
7. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

Specific Conditions:

1. Environment management should be in accordance with the present environment status of the project.
2. The Environmental clearance will be co-terminus with the agreement/lease.
3. Approach kaccha road should be made motorable and maintained periodically.
4. Transportation of soil should be undertaken in covered containers.
5. Rehabilitation plan with planting of trees to be submitted along with the closure plan.
6. Land to be leveled and handed over to the owners after completion of excavation work.
7. A valid NOC from State Pollution Control Board shall be obtained for the Brick kiln prior to operation as per law and all guidelines must be followed, if applicable.
8. The mining operations shall be strictly limited to the proposed mining sites and proposed purpose.
9. Top soil should be adequately preserved and should be used for landscaping.
10. Excavated soil should be properly stored in a manner not to increase surrounding air pollution level.
11. Water sprinkling should be exercised during excavation and storage of soil for suppression of fugitive dust.
12. Excavated area should be properly reclaimed and ensured that no open bore hole is left.
13. Safety measures for the people working at the site shall be duly taken care of as per law.
14. The excavation work shall be done in day time only.

15. The project boundary shall be properly covered to restrict dust dispersion.
16. Precautionary measures during soil excavation for conservation and protection of rare and endangered flora and fauna found in the study area.
17. Noise level shall be maintained as per standards for both day and night.
18. The route map for soil transportation from excavation plots to work site should be firmed up and necessary permissions shall be sought from District Administration.
19. Vehicles hired for the transportation should be in good condition and should have Pollution Check Certificate and should conform to applicable air and noise emission standards.
20. Personnel exposure monitoring for respirable mineral dust shall be carried out for the workers and records maintained including health records of the workers. Awareness program for workers on impact of mining on their health and precautionary measures like use of personal protective equipments etc. shall be carried out periodically. First aid facilities and adequate sanitary facility in the form of temporary toilets/septic tanks.
21. Solid waste material viz gutkha rappers, plastic bags, glasses etc. to be generated during project activity will be separately stored in bins and managed as per Solid Waste Management Rules.
22. Project proponent should maintain daily register for information of (a) collection of soil/clay, (b) manpower & (c) transportation purpose.
23. Soil mining shall strictly be undertaken as per rules and regulations/permissions obtained from District Administration/Mining Department
24. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution as above shall be submitted to the authority along with list of beneficiaries with their mobile nos./address.
25. The borrowing/excavation activity shall be restricted to a maximum depth of 2 m. below general ground level at the site.
26. The borrowing/excavation activity shall be restricted to 2 m. above the ground water table at the site.
27. The borrowing/excavation activity shall not alter the natural drainage pattern of the area.
28. The borrowed/excavated pit shall be restored by the project proponent for useful purpose(s).
29. Appropriate fencing all around the borrowed/excavated pit shall be made to prevent any mishap.
30. Measures shall be taken to prevent dust emission by covering of borrowed/excavated earth during transportation.
31. Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing/excavation of earth.
32. Workers/labourers shall be provided with facilities for drinking water and sanitation.
33. A berm shall be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.
34. A minimum distance of 15 m from any civil structure shall be kept from the periphery of any excavation area.

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. 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.

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.
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., gutkhapouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
45. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
46. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Integrated Regional Office, MoEF&CC, GoI, Lucknow, SEIAA, U.P. and UPPCB.
47. The project authorities shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of

the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the SEIAA at <http://www.seiaaup.in> and a copy of the same shall be forwarded to the Integrated Regional Office, MoEF&CC, GoI, Lucknow, CPCB, State PCB.

48. The MoEF&CC/SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
49. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
50. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
51. Waste water from potable use be collected and reused for sprinkling.
52. A width of not less than 50 meter or 10% width of river can be restricted for mining activities from river bank. A condition can be imposed that mining will be done from river activities from river bank.