

Minutes of 554th SEAC Meeting Dated 30/07/2021

The 554th meeting of SEAC-2 was held in hybrid (physical and virtual) through video conferencing in view of the Corona Virus Disease (Covid-19) on 30/07/2021. 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 |
| 6. | Dr. Shiv Om Singh, | Member, SEAC-2 |
| 7. | Director, Environment, | Member Secretary, SEAC-2 |

The Chairman welcomed the members to the 554th SEAC meeting which was conducted online. The SEAC-2 unanimously took following decisions on the agenda points discussed in meeting :

1. Common Biomedical Waste Treatment Facility at Khasra No.- 220 at Gram-Ambehta Chand, Tehsil-Rampur Maniharan, Saharanpur, U.P., M/s Greenlee Environmental Solutions. File No. 5507/Proposal No. SIA/UP/MIS/50972/2019

The committee noted that the matter was earlier discussed in 537th SEAC meeting dated 07/04/2021 and directed the project proponent to submit following information:

1. Details of biomedical waste inventory.
2. Photographs with date and time along with geo coordinates.
3. TOR point no. 6, 7, 8, 13, 23, 29 & 33 are not properly addressed.
4. Revised data for analysis of surface water should be provided.
5. Geology of the area to be rechecked and revised.
6. Process detail of ETP.

The project proponent submitted their replies vide letter dated 07/06/2021. A presentation was made by project proponent along with their consultant M/s Shivalik Solid Waste Management Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The Environment clearance is sought for Common Biomedical Waste Treatment Facility at Khasra No. 220, Gram-Ambehta Chand, Tehsil-Rampur Maniharan, Saharanpur, U.P., M/s Greenlee Environmental Solutions.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 160/Parya/SEAC/5507/2019, dated 30/06/2020.
3. Public hearing organized on 02/01/2021. Final EIA report submitted by the project proponent on 23/02/2021.
4. Consent to Establish issued by UPPCB vide letter dated 11/09/2020.
5. Salient features of the project:

Sr. No	Particulars	Description
1.	Brief description of nature of the project	Proposed project of setting up of the Common Bio-medical Waste Treatment Facility includes Incinerator, Autoclave, Shredder and Effluent Treatment Plant. The present proposal is to utilize 4096sq.m. (1Acre) land for setting up of Biomedical Waste Treatment Facility.

2.	Equipment Detail	Equipment	Number	Proposed Capacity
		Incinerator	01	200 kg/hr
		Autoclave	01	1000 ltrs/hr
		Shredder	01	200 kg/hr
		ETP	01	10 KLD (Modular 5+5 KLD)
3.	Location of the Project.	Project Site is located at Khasra No. 220, Gram Ambehta Chand, Saharanpur (UP). Site Co-ordinates are: 29° 46' 59.17"N, 77° 32' 17.03"E 29° 47' 0.39"N, 77° 32' 14.74"E 29° 46' 59.10"N, 77° 32' 13.35"E 29° 46' 58.03"N, 77° 32' 15.69"E		
4.	Power Demand	50 KW power requirements will be sourced from existing line of Uttar Pradesh Electricity Board. In case of power failure, D.G. sets (80 KVA) will be used.		
5.	Water Demand	7.5 KLD Water from Nagar Panchayat Rampur Maniharan will be made available at the rate of Rs 1/50L, NOC from Nagar Panchayat vide letter number 236/NPRM/Vividh/2020-21		
6.	Total Cost of the project.	Rs. 1.56 Crores		
7.	Manpower	Total 15 employee will be hired from nearby villages.		
8.	Landform, Land use and land ownership	The project site is an agricultural land (1 Acre) 4096 Sq.m. CLU has already obtained vide letter number: 00136/2020.		
9.	Nearest village	Ambetha Chand within 0.8 KM.		
10.	Nearest Highway/Road	The project site is well connected to Bargaon Saharanpur road about 0.8 Km in East direction and Rampur Maniharan Bargaon road about 4.5 Km in SW direction.		
11.	Green Belt	Approx. 35.83% of area out of total area is allocated to develop Green belt as per CPCB Guidelines. Indigenous trees with tree density of 1000 trees per hectare shall be planted along the periphery of plant area to form barrier and arrest air pollutant. Inside the plant shrubs and grass cover shall be given to arrest fugitive emission.		
12.	ETP capacity	10 KLD		
13.	Cost of the project	1.56 Crore		

6. List of Equipment and Facility :

S.No.	Equipment	Number	Proposed Capacity
1.	Incinerator*	01	200 kg/hr
2.	Autoclave*	01	1000 ltrs/hr
3.	Shredder*	01	200 kg/hr
4.	Effluent Treatment Plant	01	10 KLD

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

RESOLUTION AGAINST AGENDA NO-01

The committee discussed the matter and recommended grant of environmental clearance on the proposal as above alongwith following conditions:

- I. Proposed CBWTF shall comply the revised guidelines issued by CPCB in December 21st 2016 with respect to location criteria.
- II. In case, number of beds is exceeding >10,000 beds in a locality and the existing treatment capacity is not adequate, in such a case, a new CBWTF may be allowed in such a locality in compliance to various provisions notified under the located. Environment (Protection) Act, 1986, to cater services

only to such additional bed strength of the HCFs

III. Statutory compliance:

1. 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.
2. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
3. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area)
4. 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.
5. Transportation and handling of Bio-medical Wastes shall be as per the Biomedical Wastes (Management and Handling) Rules, 20016 including the section 129 to 137 of Central Motor Vehicle Rules 1989.
6. Project shall fulfill all the provisions of hazardous Wastes (Management, handling and Transboundary Movement) Rules, 2016 including collection and transportation design etc and also guidelines for Common Hazardous Waste Incineration — 2005, issued by CPCB Guidelines of CPCB/MPPCB for Bio-medical Waste Common Hazardous Wastes incinerators shall be followed.
7. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
8. 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.
9. 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

IV. Air quality monitoring and preservation:

1. The project proponent shall install emission monitoring system including Dioxin and furans in monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online serves and calibrate these systems from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2. Periodical air quality monitoring in and around the site including VOC, HC shall be carried out.
3. Incineration plants shall be operated (combustion chambers) with such temperature, retention time and turbulence, so as to achieve Total Organic Carbon (TOC) content in the slag and bottom ashes less than 3%, or their loss on ignition is less than 5% of the dry weight of the material.
4. Venturiscrubber (alkaline) should be provided with the incinerator with stack of adequate height (Minimum 30 meters) to control particulate emission within 50 mg/Nm³.
5. Appropriate Air Pollution Control (APC) system shall be provided for fugitive dust from all vulnerable sources, so as to comply prescribed standards. All necessary air pollution control devises (quenching, Venturi scrubber, mist eliminator) should be provided for compliance of emission standards.

6. Masking agents should be used for odour control.
- V. Water quality monitoring and preservation:
 1. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
 2. Waste water generated from the facility shall be treated in the ETP and treated waste water shall be reused in the APCD connected to the incinerator. The water quality of treated effluent shall meet the norms prescribed by State Pollution Control Board. Zero discharge should be maintained.
 3. Process effluent/any waste water should not be allowed to mix with storm water.
 4. Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.
 5. Sewage Treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused within the project.
 6. A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point should be obtained.
 7. The leachate from the facility shall be collected and treated to meet the prescribed standards before disposal.
 8. Magnetic flow meters shall be provided at the inlet and outlet of the ETP & all ground water abstraction points and records for the same shall be maintained regularly.
 9. Rain water runoff from hazardous waste storage area shall be collected and treated in the effluent treatment plant.
- VI. Noise monitoring and prevention:
 1. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
- VII. Energy Conservation measures:
 1. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
 2. Provide LED lights in their offices and residential areas
- VIII. Waste management:
 1. Incinerated ash shall be disposed at approved TSDF and MoU made in this regard shall be submitted to the Ministry prior to the commencement.
 2. The solid wastes shall be segregated as per the norms of the Solid Waste Management Rules, 2016.
 3. A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.
 4. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016
 5. No landfill site is allowed within the CBWTF site.
 6. The Project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCB/SPCB.
- IX. Green Belt:
 1. Green belt shall be developed in area as provided in project details, with native tree Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in

accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.

X. Public bearing and Human health issues:

1. Feeding of materials/Bio-medical waste should be mechanized and automatic no manual feeding is permitted.
2. Proper parking facility should be provided for employees & transport used for collection & disposal of waste materials.
3. Necessary provision shall be made for fire-fighting facilities within the complex.
4. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
5. Emergency plan shall be drawn in consultation with SPCB/CPCB and implemented in order to minimize the hazards to human health or environment from fires, explosion or any unplanned sudden or gradual release of hazardous waste or hazardous waste constituents to air, soil or surface water.
6. 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, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
7. Occupational health surveillance of the workers shall be done on a regular basis.

XI. 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.II I 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.
5. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

XII. Miscellaneous:

1. 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 MoEF&CC/SEIAA website where it is displayed

2. 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.
3. 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.
4. 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.
5. 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.
6. The criteria pollutant levels namely; SPM, RSPM, SP, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
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/NGT 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.

2. Soil Excavation at Gata No.-04, Village- Meerpur, Tehsil -Farrukhabad, District-Farrukhabad, U.P., Area-1.1980 Ha. File No. 6211/Proposal No. SIA/UP/MIN/199072/2021

The committee noted that the matter was earlier discussed in 536th SEAC meeting dated 06/04/2021 and directed the project proponent to submit following information:

1. Verified lease map.
2. Geo co-ordinates verified by DMO.
3. Mining plan approval letter from competent authority.
4. Agreement between farmer and project proponent.

The project proponent submitted their replies vide letter dated 11/06/2021. A presentation was made by the project proponent along with their consultant M/s Earthvision India Associate Consultants. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Soil Excavation at Gata No.-04, Village- Meerpur, Tehsil- Farrukhabad, District- Farrukhabad, U.P., (Leased Area-1.1980 Ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/199072/2021		
2.	File No .allotted by SEIAA,UP	6211		
3.	Name of Proponent	Shri Bhupendra Singh S/o Shri Ramratan Singh		
4.	Registered Address	R/o – Manohar Nagar , Pilkhana, District Farrukhabad,Uttar Pradesh		
5.	Full correspondence address of proponent and mobile no.	R/o – Manohar Nagar , Pilkhana, District Farrukhabad,Uttar Pradesh		
		Mobile no.-		
		E-mail ID-bhusingh2015@gmail.com		
6.	Name of Project	Ordinary Soil Mining Project		
7.	Project location Khasra No	Gata No.– 4		
8.	Name of Village	Meerpur		
9.	Tehsil	Farrukhabad		
10.	District	Farrukhabad, Uttar Pradesh		
11.	Name of Minor Mineral	Ordinary Soil		
12.	Total Area (in Ha.)	1.1980 Ha.		
13.	Mineable Area (in Ha.)	1.1980 Ha.		
14.	Pillar Coordinates (Verified by DMO)	Gata No.	Pillar	Latitude Longitude
		4	A	27°20'43.05"N 79°34'59.17"E
			B	27°20'45.09"N 79°34'56.39"E
			C	27°20'40.36"N 79°34'56.62"E
			D	27°20'42.01"N 79°34'54.82"E
15.	Period of agreement between Project proponent & Land Owner	6 Months		
16.	Mine Plan approval details	Letter No. 1799 /खोलि0-अजिअ / (सा0मिदटी)सहमति पत्रध2021 Dated 08-02-2021		
17.	Validity of Mine Plan	6 Months		
18.	Total Proposed Production	25014.97 M3		
19.	Proposed Production/Day	138.97 M3		
20.	Method of Mining	Opencast Manual		
21.	No. of workers	30 Workers		
22.	Type of Land	Pvt. Land		
23.	Ultimate Depth of Mining	2.44 m		

Minutes of 554th SEAC Meeting Dated 30/07/2021

24.	Water Requirement	Source	Purpose	Detail	Avg. Demand/Day
		Portable Tanker	Drinking & others @30lpcd/worker	30 workers x 30 lpcd = 900 Lit/ day	0.90 KLD
			Plantation @5 Lit/ plant	70 sapling x 5 Lit = 350 Lit/ day	0.25 KLD
			Dust suppression @1 Lit/ Sq.m (Twice in a day)	Haul Road Area = (680m Length x 6m Width)	4.08 KLD
		Total			5.23 KLD
25.	Name of QCI Accredited Consultant with QCI No and period of validity	M/s Earthvision India Associate Consultants, C. No.- NABET/EIA/2124/IA0077 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: Farrukhabad City Hospital Aprox. 4.18 KM NE School: Primary School Nand Gaon 1.8 km SW			
29.	Details of 500 m Cluster certificate & Map Verified by Mining Officer	Letter No. 43 Dated 15-02-2021			
30.	Proposed CER cost	Rs. 83,200 /-			
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 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).

The project proponent submitted the mining plan approval letter and LOI issued by competent authority. The committee found that there is a discrepancy in mining procedure so it directed the proponent to submit the clarification regarding mining procedure.

The Proponent failed to produce the revised letter of intent (LoI) letter no. 1907 issued by District Magistrate, Farrukhabad to the committee during the appraisal meeting on 30/07/2021.

RESOLUTION AGAINST AGENDA NO-02

The committee discussed the matter and directed the project consultant/proponent to submit the clarification regarding the mining process and a revised Letter of Intent from competent authority for disposal of the matter accordingly.

3. Soil Excavation at Gata No. 313, Village-Lakhanpur, Tehsil- Kaimganj, District-Farrukhabad, U.P., (Leased Area-0.3280 Ha.). File No. 6218/Proposal No. SIA/UP/MIN/200390/2021

The committee noted that the matter was earlier discussed in 536th SEAC meeting dated 06/04/2021 and directed the project proponent to submit following information:

1. Verified lease map.
2. Geo co-ordinates verified by DMO.
3. Mining plan approval letter from competent authority.
4. Agreement between farmer and project proponent.

The project proponent submitted their replies vide letter dated 11/06/2021. A presentation was made by the project proponent along with their consultant M/s Earthvision India Associate Consultants. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Soil Excavation at Gata No. 313, Village-Lakhanpur, Tehsil- Kaimganj, District- Farrukhabad, U.P., (Leased Area-0.3280 Ha.).
2. Salient features of the project as submitted by the project proponent:

1.	On-line proposal No.	SIA/UP/MIN/200390/2021			
2.	File No .allotted by SEIAA,UP	6218			
3.	Name of Proponent	Shri Anil Kumar S/o Shri Ranjesh			
4.	Registered Address	Aakhonpur Raipur Khas , Tehsil- Kaimganj, District Farrukhabad,Uttar Pradesh			
5.	Full correspondence address of proponent and mobile no.	Aakhonpur Raipur Khas , Tehsil- Kaimganj, District Farrukhabad,Uttar Pradesh E-mail ID-anilrajpoot@gmail.com			
6.	Name of Project	Ordinary Soil Mining Project			
7.	Project location Khasra No	Gata No. – 313			
8.	Name of Village	Lakhanpur			
9.	Tehsil	Kaimganj			
10.	District	Farrukhabad, Uttar Pradesh			
11.	Name of Minor Mineral	Ordinary Soil			
12.	Total Area (in Ha.)	0.3280 Ha			
13.	Mineable Area (in Ha.)	0.3280 Ha.			
14.	Pillar Coordinates (Verified by DMO)	Gata No.	Pillar	Latitude	Longitude
		4	A	27°34'26.58"N	79°19'31.21"E
			B	27°34'25.50"N	79°19'30.66"E
			C	27°34'24.57"N	79°19'32.72"E
			D	27°34'25.63"N	79°19'33.40"E
15.	Period of agreement between Project proponent & Land Owner	6 Months			
16.	Mine Plan approval details	Letter No. 1800 / ख०लि०-अजिअ / (सा०मिट्टी)सहमति पत्र / 2021 Dated 09-02-2021			
17.	Validity of Mine Plan	6 Months			
18.	Total Proposed Production	6557.43 M3			
19.	Proposed Production/Day	36.43 M3			
20.	Method of Mining	Opencast Manual			
21.	No. of workers	10			
22.	Type of Land	Private Land			
23.	Ultimate Depth of Mining	2.50 m			
24.	Water Requirement	Source	Purpose	Detail	Avg. Demand/

Minutes of 554th SEAC Meeting Dated 30/07/2021

					Day	
		Portable Tanker	Drinking & others @30lpcd/ worker	10 workers x 30 lpcd = 300 Lit/ day	0.30 KLD	
			Plantation @5 Lit/ plant	17 sapling x 5 Lit = 85 Lit/ day	0.08 KLD	
			Dust suppression @1 Lit/ Sq.m (Twice in a day)	Haul Road Area = (680m Length x 6m Width	0.72 KLD	
			Total			1.10 KLD
25.	Name of QCI Accredited Consultant with QCI No and period of validity	M/s Earthvision India Associate Consultants, C.No.- NABET/EIA/2124/IA0077 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: Govt Hospital Aprox. 3.25 KM SE School: Primary School 0.63 km SE				
29.	Details of 500 m Cluster certificate & Map Verified by Mining Officer	Letter No. 44/[k0fu0 /2021 Dated 23-02-2021				
30.	Proposed CER cost	Rs. 39,100/-				
31.	Proposed EMP cost	Rs. 90,000/-				
32.	No. of Trees to be Planted.	17				
33.	Detail of CTE/CTO issued by UPPCB	NA				

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).

The project proponent submitted the mining plan approval letter and LOI issued by competent authority. The committee found that there is a discrepancy in mining procedure so it directed the proponent to submit the clarification regarding mining procedure.

The Proponent failed to produce the revised letter of intent (LoI) letter no. 1907 issued by District Magistrate, Farrukhabad to the committee during the appraisal meeting on 30/07/2021.

RESOLUTION AGAINST AGENDA NO-03

The committee discussed the matter and directed the project consultant/proponent to submit the clarification regarding the mining process and a revised Letter of Intent from competent authority for disposal of the matter accordingly.

4. **Soil Mining at Khasra No./Gata No.- 461 & 609, Village- Daudpur, Tehsil- Nawabgani, Barabanki, U.P., Area -0.309 ha. File No. 6232/Proposal No. SIA/UP/MIN/202170/2021**

RESOLUTION AGAINST AGENDA NO-04

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.

5. **Sand/Morrum Mining from Ken Riverbed at Khand No.- 195/1, Village- Lahureta, Tehsil- Narani, Banda., M/s Katvayni Natural Resources Ltd., Area: 33.00 ha. File No. 4962/Proposal No. SIA/UP/MIN/215080/2021**

The committee noted that the environmental clearance for the above project was issued by SEIAA, U.P. vide letter no. 541/Parya/SEAC/4209-4962/2019 dated 11/12/2019 for the production of 6,60,000 m³/year. The project proponent vide letter dated 13/06/2021 informed that the approximately 63% of the mining lease area is submerged and mining work can not be possible in this situation. Therefore the project proponent applied amendment in environmental clearance application on 13/06/2021.

RESOLUTION AGAINST AGENDA NO-05

The committee discussed the matter and directed the project proponent to submit revised letter of intent (LoI) issued by concerned District Authority for amendment in environmental clearance letter dated 11/12/2019.

6. **Manufacturing of API Bulk Drugs and Intermediate (New) at Plot No. B-13 & C-3, Shikohabad Industrial Estate, Firozabad., M/s Shyam Organics. File No. 6256/Proposal No. SIA/UP/IND2/206620/2021**

The committee noted that the matter was earlier discussed in 542nd SEAC meeting dated 28/05/2021 and directed the project proponent to submit following information:

1. Revised CER.
2. Revised green belt plan.
3. Revised EMP.
4. Emergency plan specifically for accidental leakage.
5. Plan for recovery of intermediate emissions in air and discharge of waste liquid.
6. Structure of Environmental monitoring cell with qualification and hierarchy.
7. Revised capacity and specification of ETP.
8. Storage of chemicals on the basis of compatibility.
9. Characteristic of treated and untreated effluents.

The project proponent submitted their replies vide letter dated 22/06/2021. A presentation was made by the project proponent along with their consultant M/s Amaltas Enviro Industrial Consultants LLP. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Manufacturing of API Bulk Drugs and Intermediate (New) at Plot No. B-13 & C-3, Shikohabad Industrial Estate, Firozabad., M/s Shyam Organics.
2. Salient features of the project:

S. No.	Description	Proposed Project Details
1.	Name of Project	Environmental clearance for proposed manufacturing of API drug intermediates under B2 by at Plot B-13 & C-4, Industrial Estate Shikohabad by M/s Shyam Organics.
2.	Project Site	Plot B-13 & C-4, Industrial Estate Shikohabad (UP) India
3.	Project Category	5(f) Category —B2 of EIA notification.
4.	Capital Cost	Rs. 150 Lakhs (EMP – 50 Lakhs)
5.	Product capacity	35 TPM of Drug intermediates and synthetic organic chemicals
6.	Source of Raw Material	Local and indigenous
7.	Resource Requirement	
(i)	Land	The total plot area : 1412.51m ² Total Green Area : 466.13 m ² (33% of the total plot area) Total no. of tree to be planted : 117 (Name of Tree : Acacia auriculiformis, Azadirachta, indica, Polyathia longifolia, Delonix regia, Syzygium cumini, Hibiscus rosa-sinensis , Nerium indicum, Bougainvillea spectabilis).
(ii)	Water	Source: UPSIDC water supply department Construction phase: Domestic – 0.4 KLD Construction activities and curing – 0.6 KLD Operation phase: Industrial – 18 kLD Domestic – 1 kLD Gardening – 1.0 kLD Total Water 20 KLD. ETP Capacity – 10 KLD Note: Condensate water from the boiler and cooling tower, reuse in industrial process and cooling tower.
(iii)	Electricity	Electricity: 125 KVA from UPPCL
	Backup Power	1 D.G. Set of 125 KVA capacity will be provide for emergency use.
(iv)	Fuel	Wooden Waste/ Briquets/ Rice Husk: 5 TPD
(v)	Man power	Construction Phase: 25 Nos. Operation Phase: 18 Nos.
(vi)	Utility	Steam Boiler –1.5 TPH (1 No.) Cooling Tower – 300 m ³ /Hr. (1 No.)
8	Source of Pollution	
(i)	Wastewater Generation	Effluent: 7.20 KLD Domestic Wastewater: 0.8 KLD
(ii)	Air Emission	Source: Boiler and D.G. Set PM :<150 mg/Nm ³ SO ₂ :< 100 ppm NOx: <50 ppm From Process Emission HCl :< 20 mg/Nm ³
(iii)	Solid/Haz. Waste Generation	Used Oil, Discarded Containers, Residue Solvent, Spent Catalyst, ETP Sludge, Spent Solvent
9	Treatment Facility	
(i)	Wastewater	The liquid effluent, water from Process, boiler blow down and washing will be treated in ETP.
(ii)	Air	Air pollution control device such as cyclone separator, Bag filter,

		venturi scrubber etc. shall be provided to achieve UPPCB norms.
(iii)	Solid Waste	Collection, storage and disposal of solid/hazardous waste to be carried out as hazardous waste management rules.
10	Resource Recovery	
(i)	Water	Condensate from cooling tower will be reused again in cooling itself and condensate from boiler will be reused in process.
(ii)	Solvent	Solvent recovery shall be done and reused back to process.

3. List of raw material details:

S.No.	Name of RM	CAS No.	Physical State	Capacity of the tank (Ton/KL)	No. of Storage Tanks/Area	Hazardous characteristics of chemicals
1.	Aniline	29214110	Liquid	5 KL	1	Flammable & Toxic
2.	2,6 - Dichloro phenol	29081900	Solid	Bag	1	Toxic
3.	Mono methyl Chloro Acetate	29154010	Liquid	5 KL	1	Toxic
4.	Sodium Methoxide (30%)	29124414	Liquid	10 KL	1	Flammable & Toxic
5.	Caustic Soda Flakes	28151110	Solid	Bag	1	Discomposed
6.	Chloro Acetyl Chloride	29159090	Liquid	Drum	1	Corrosive
	Aluminium Chloride	28273200	Solid	Bag	1	Corrosive & discomposed

4. Product details:

S. N.	Product	CAS No.	Type/Cat. of Products	Quantity (TPM)	End Use
1.	Indolinone	15362-40-0	API grade	35	Pharma Intermediate (N-1) Sunitinib-resistant gastrointestinal stromal tumor.

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

RESOLUTION AGAINST AGENDA NO-06

The committee discussed the matter and recommended grant of environmental clearance on the proposal as above alongwith following conditions:

- Toxicity analysis report should be submitted within 03 months.
- Explore the possibilities of use of various by-products.
- Development of spectrophotometric method for detection of formaldehyde in air and HPLC method for detection of formaldehyde in water.
- Disaster management in case of spillage of chemicals.
- Statutory compliance:
 - The project proponent should obtain necessary permission from Drug Controller, Govt. of India, within time frame.
 - 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.
 - The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 - The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule species in the study area).
 - 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.

- vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- vii. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.
- 6. Air quality monitoring and preservation:
 - i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
 - ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986.
 - iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
 - iv. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and /or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
 - v. Storage of raw materials, coal etc, shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
 - vi. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
 - vii. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied.
- 7. Water quality monitoring and preservation:
 - i. The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD)
 - ii. As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).
 - iii. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever, is more stringent.
 - iv. Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
 - v. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
 - vi. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
 - vii. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
- 8. Noise monitoring and prevention:
 - i. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
 - ii. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.

- iii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
- 9. Energy Conservation measures:
 - i. The energy sources for lighting purposes shall preferably be LED based.
- 10. Waste management:
 - i. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
 - ii. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
 - iii. The company shall undertake waste minimization measures as below:-
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - c. Use of automated filling to minimize spillage.
 - d. Use of Close Feed system into batch reactors.
 - e. Venting equipment through vapour recovery system.
 - f. Use of high pressure hoses for equipment clearing to reduce wastewater generation
- 11. Green Belt:
 - i. The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.
- 12. Safety, Public hearing and Human health issues:
 - i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
 - ii. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
 - iii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
 - iv. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
 - v. 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, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
 - vi. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
 - vii. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.
- 13. Corporate Environment Responsibility:
 - i. 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.
 - ii. 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.
 - iii. 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.
 - iv. 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.

- v. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

14. Miscellaneous:

- i. Environment Clearance subjected to condition of necessary permission from Drug Controller and Department of Industry.
- ii. Monitoring of dioxin and furon from biomass fueled boiler should be done.
- iii. Agreement with TSDF vendors shall be submitted.
- iv. 100% waste water is to be treated in ETP conforming to prescribed standards of receiving body for designated use.
- v. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- vi. 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.
- vii. 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.
- viii. The project proponent shall monitor the criteria pollutants level namely; PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- ix. 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.
- x. 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.
- xi. 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.
- xii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- xiii. 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.
- xiv. 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).
- xv. 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.
- xvi. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xvii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xviii. 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.
- xix. 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.
- xx. 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.

7. Earth Mining at Gata No.-1288, 1289, Village- Katesar, Tehsil- Laharpur, District- Sitapur, U.P., Area: 0.562 ha. File No. 6130/Proposal No. SIA/UP/MIN/193274/2021

The committee noted that the matter was earlier discussed in 529th SEAC meeting dated 04/03/2021 and directed the project proponent did not appear in the meeting. The project proponent vide letter dated 25/06/2021 requested to list the matter in upcoming SEAC meeting.

A presentation was made by the project proponent along with their consultant M/s Epsilon Projects Pvt. Ltd. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Earth Mining at Gata No.-1288, 1289, Village- Katesar, Tehsil- Laharpur, District- Sitapur, U.P., (Leased Area: 0.562 ha.).
2. Salient features of the project as submitted by the project proponent:

1	On-line Proposal No.	SIA/UP/MIN/193274/2021			
2	File No. allotted by SEIAA,UP	6130			
3	Name of Proponent	Sri Pawan Kumar S/o Sri Uttam Kumar			
4	Registered Address	R/o-Village-Raipurganj, Tehsil-Laharpur, District-Sitapur, U.P.			
5	Full correspondence address of project proponent	R/o-Village-Raipurganj, Tehsil-Laharpur, District-Sitapur, U.P.			
		Mobile No-9839234256			
		Email ID-pawansoil33@gmail.com			
6	Name of Project	Ordinary Earth Mining Project			
7	Project location (Plot/ Khasra /Gata No.)	1288, 1289			
8	Name of Village	Katesar			
9	Tehsil	Laharpur			
10	District	Sitapur			
11	Name of Minor Mineral	Ordinary Earth			
12	Total Area (in Ha.)	0.562 Ha			
13	Mineable Area (in Ha.)	0.5103 Ha			
14	Pillar Coordinates (Verified by DMO)	Gata No	Pillar	Latitude	Longitude
		1288	A	27°45'15.09"N	80°50'57.41"E
			B	27°45'16.18"N	80°50'58.15"E
			C	27°45'15.11"N	80°51'0.14"E
			D	27°45'13.74"N	80°50'59.74"E
		1289	A	27°45'15.39"N	80°51'4.36"E
			B	27°45'15.30"N	80°51'4.48"E
			C	27°45'12.49"N	80°51'2.07"E
			D	27°45'13.74"N	80°50'59.74"E
			E	27°45'15.11"N	80°51'0.14"E
			F	27°45'14.72"N	80°51'1.07"E
			G	27°45'14.16"N	80°51'0.65"E
			H	27°45'13.32"N	80°51'2.47 "E
15	Period of agreement between Project proponent & Land Owner	3 months			
16	Mine Plan approval details	Approval Letter No	77		
		Date of Approval	07-01-2021		
		Approved Mining Lease Area	0.562 Ha		
		Approved Capacity	11135 Cum		

17	Validity	6 Months
18	Total Proposed Production	11135 Cum
19	Proposed Production/year	-
20	Method of Mining	Opencast /Semi –mechanized/JCB
21	No. of workers	10
22	Type of Land	Uneven Land
23	Ultimate Depth of Mining	2.5 M
24	Water Requirement	PURPOSE
		Domestic Water
		Dust suppression
		Plantation
		Others (if any)
		Total
25	Name of QCI Accredited Consultant with QCI No and period of validity.	M/s Epsilon Projects Pvt. Ltd. 498/143, 1ST Floor, Gopal Sadan, Near IT Crossing, Ayodhya (Faizabad) Road, Lucknow, U.P.
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	There are no any important or sensitive for ecological reasons within 500m radius from the periphery of lease site.
28	Areas occupied by sensitive manmade land uses (hospitals, schools, places of worship, community facilities)	There are No primary schools, dispensaries, small hospitals, places of worship within 1 km radius from the periphery of lease site.
29	Details of 500 m Cluster Map & certificate issued by Mining Officer	Letter No.-3737/ Khanan/Sitapur/2020-21, Dated-07-01-2021
30	Proposed CER cost	20,000/- Rs
31	Proposed EMP cost	1,15,600/-Rs
32	No. of Trees to be Planted	70
33	Detail of CTE issued by UPPCB (for brick kiln project)	NA

- 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.
- The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
- There is no litigation pending in any court regarding this project.
- The project proposal falls under category–1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-07

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

8. Sand/ Morrum Mining from Yamuna River Bed at Gata No.-303mi, 313 mi, 290 mi, 301 mi, 303, 304 mi, 314 mi, 297 mi, 298 mi, 302 mi, 311 mi, 312 mi, 313 mi & 314 mi, Khand No.-02 , Village- Panchayara, Tehsil- Loni, District- Ghaziabad, U.P., M/s New Panther Security Guard Service, Lease Area: 12.512 ha. File No. 5793/Proposal No. SIA/UP/MIN/216384/2021

The committee noted that the environmental clearance for the above project was issued by SEIAA, U.P. vide letter no. 27/Parya/SEAC/5793/2019 dated 27/05/2021 for the leased area 12.512 ha and production capacity 1,77,736.8 m³/annum. The project proponent vide letter dated 10/06/2021 informed that the second value of the geo-coordinates mentioned in EC letter has been changed after reassessment of the site and there is no change in leased area and quantity of the mineral. Therefore, the project proponent applied amendment in EC application on 27/06/2021.

A presentation was made by the project proponent along with their consultant M/s Globus Environment Engineering Services. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. Details of proposed amendment in environmental clearance letter dated 27/05/2021:

Pillar coordinates mentioned in EC			Proposed amendment in Pillar coordinates in EC		
Sanction Lease Area Co-ordinate			Sanction Lease Area Co-ordinate		
Pillars	Latitude (N)	Longitude (E)	Pillars	Latitude (N)	Longitude (E)
A	28°48'1.02"N	77°12'19.63"E	A	28°48'1.02"N	77°12'19.63"E
B	28°47'49.56"N	77°12'17.52"E	B	28°47'49.56"N	77°12'17.52"E
C	28°47'39.12"N	77°12'19.04"E	C	28°47'39.12"N	77°12'19.04"E
D	28°47'39.35"N	77°12'13.26"E	D	28°47'39.35"N	77°12'13.26"E
E	28°47'48.74"N	77°12'10.86"E	E	28°47'48.74"N	77°12'10.86"E
F	28°48'2.80"N	77°12'13.01"E	F	28°48'2.80"N	77°12'13.01"E
Workable Area			Workable Area		
A	28°48'1.02"N	77°12'19.63"E	A	28°48'1.02"N	77°12'19.63"E
B	28°47'49.56"N	77°12'17.52"E	B	28°47'49.56"N	77°12'17.52"E
C	28°47'39.12"N	77°12'19.04"E	C	28°47'39.12"N	77°12'19.04"E
D'	28°47'39.39"N	77°12'14.95"E	D'	28°47'39.31"N	77°12'14.07"E
C'	28°47'43.86"N	77°12'15.30"E	C'	28°47'44.28"N	77°12'13.37"E
B'	28°47'52.33"N	77°12'18.05"E	B'	28°47'51.54"N	77°12'14.35"E
A'	28°48'0.94"N	77°12'18.99"E	A'	28°48'2.62"N	77°12'14.05"E
Non- Workable Area			Non- Workable Area		
A'	28°48'0.94"N	77°12'18.99"E	A'	28°48'2.62"N	77°12'14.05"E
B'	28°47'52.33"N	77°12'18.05"E	B'	28°47'51.54"N	77°12'14.35"E
C'	28°47'43.86"N	77°12'15.30"E	C'	28°47'44.28"N	77°12'13.37"E
D'	28°47'39.39"N	77°12'14.95"E	D'	28°47'39.31"N	77°12'14.07"E
D	28°47'39.35"N	77°12'13.26"E	D	28°47'39.35"N	77°12'13.26"E
E	28°47'48.74"N	77°12'10.86"E	E	28°47'48.74"N	77°12'10.86"E
F	28°48'2.80"N	77°12'13.01"E	F	28°48'2.80"N	77°12'13.01"E

The project proponent requested to amend the environmental clearance letter dated 27/05/2021 as per above project details.

RESOLUTION AGAINST AGENDA NO-08

The committee discussed the matter and recommended to amend the environmental clearance letter no. 27/Parya/SEAC/5793/2019 dated 27/05/2021 per above project details. The committee also directed the project proponent that all the contents mentioned in EC letter dated 27/05/2021 shall remain the same.

9. Expansion of Existing Integrated Paints & Resins Emulsions Manufacturing Plant located at plot no. A2, B2, UPSIDC Region-V, Village-Kasna, Taluka Dankaur, District- Gautam Buddha Nagar, U.P. File No. 6251/Proposal No. SIA/UP/IND2/62144/2021

The committee noted that the matter was earlier discussed in 543th SEAC meeting dated 03/06/2021 and directed the project proponent to submit following information:

1. Since the NOC for the extraction of water is expired on 30/10/2020 and the plant till now is operational, the use of ground water after the validity period should be explained. Further, permission from CGWB for extraction of ground water is to be submitted.
2. Details of ETP for increase in capacity.
3. Revised water balance diagram.
4. Occupational health plan.
5. Details of soft and hard green area.
6. Additional mitigation measures to reduce air pollution within prescribed limit.
7. Revised waste water generation details.
8. PP/consultant should submit the monitoring report of ground water quality of peizometric wells (observation wells) around the solvent storage areas and solid waste storage areas as mentioned in the compliance condition of earlier EC.

The project proponent submitted their replies vide letter dated 22/06/2021. A presentation was made by the project proponent along with their consultant M/s Kadam Environmental Consultants. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Expansion of Existing Integrated Paints & Resins Emulsions Manufacturing Plant located at plot no. A2, B2, UPSIDC Region-V, Village-Kasna, Taluka Dankaur, District- Gautam Buddha Nagar, U.P., Asian Paints Limited.
2. Earlier APL has obtained environmental clearance from MoEF, Govt. of India for 80000 KLPA of paints vide letter no. J.11012/134/96-IA II(I) dated 29/04/1997.
3. In compliance of Hon'ble NGT order in OA No. 1038/2018 dated 19.08.2019 and MOEF&CC OM No. F. No. 22-23/2018 -IA.III dated 30th December 2019, the project was located within 5 km of severely polluted area and has obtained ToR from MoEF&CC, New Delhi vide letter no. IA-J-11011/169/2020-IA-II (I) dated 23rd July 2020.
4. Salient features of the project as submitted by the project proponent:

S. No.	Item	Details						
1	Location	Village	Kasna					
		Taluk	Gautam Buddh Nagar					
		District	Gautam Buddh Nagar					
		State	Uttar Pradesh					
		The project is located in the Industrial area notified by UPSIDC (Uttar Pradesh State Industrial Development Corporation)						
2	Total Area of Plot	96769.05 sqm. Plot Allotment Letter						
3	Greenbelt Area	26772.88 sq. m						
4	Existing and proposed production details	Sr. No.	Product	Unit	Existing	Proposed	Total after Expansion	
		1	Paints (water based and solvent based)	KLPA	80000	40,000	1,20,000	
			Resins and	MTPA	36000	18000	54000	

Minutes of 554th SEAC Meeting Dated 30/07/2021

			emulsions as intermediate for captive consumption				
		2	Resin & Emulsions for intermediate captive consumption/sale/Inter plant transfer	MTPA	0	26000	26000
		3	Adhesives & Glue	MTPA	0	2000	2000
5	Project Cost	INR ~ 80 Crore					
6	Employment with Full capacity Operation after expansion	Existing Manpower during Operation Phase -1057					
		Proposed during construction phase – 350					
		Additional Manpower for proposed expansion - 143					
		Total Manpower after expansion during operation phase-1200					
7	Power Supply (Grid and Standby)	Supply: Uttar Pradesh Power Corporation Ltd. (UPPCL)					
		Peak Demand: ~ 3.5 MW					
8	Fuel	CNG					
9	Water Supply	Source: Ground water					
10	Water Requirement	330 KLD					
11	Waste Water Generation after expansion	Total: 159 KLD Domestic: 99 KLD Industrial: 60 KLD					
12	Wastewater Management / Disposal	The domestic water and effluent generated from the unit will be treated in 200 KLD ETP capacity of plant and treated water is completely recycled and reused in cleaning activity, toilet flushing and gardening.					
13	Solid / Hazardous Waste Management	Industrial wastes like process waste/ residue/ paint sludge will be stored in designated place in factory premises and disposed off through TSDF as a land filling or incineration					
14	Proposed Air Pollution Control Equipment	Adequate stack height will be provided for all flue gas stacks in order to disperse the flue gases effectively. Dust collection and fine particle filtration systems will be installed to trap the particulate matter Stack emission quality will be maintained as per the UPPCB/CPCB norms. Process vents- closed loop operations in Emulsion Manufacturing plant Dust Extraction System is used to capture fugitive emissions of fine particulate matter from powder charging Fume Extraction system with scrubber					

5. Area breakup:

S. No.	Category	Existing area (sqm)	%	Proposed Area (sqm)	%
1	Processing Area	9661.23	9.98%	9469.55	9.79%
2	Material Storage Area Incl. Tank Yards	18740.23	19.37%	18740.03	19.37%
3	Utility Area	2613.23	2.70%	2645.06	2.73%
4	Fire Hydrant	1075.02	1.11%	1075.02	1.11%
5	ETP Area	3723.72	3.85%	2864.32	2.96%
6	Office Area	949.96	0.98%	949.96	0.98%
7	Distribution Center	4279.43	4.42%	4279.43	4.42%
8	Engg Stores	436.15	0.45%	436.15	0.45%
9	Contractor Shed, Scrap Yard & Gol Ghar	727.59	0.75%	563.74	0.58%

Minutes of 554th SEAC Meeting Dated 30/07/2021

10	Parking	785.37	0.81%	785.37	0.81%
11	Roads, Ramp & Paved Area	27004.24	27.91%	24501.81	25.32%
12	Green Area	26772.88	27.67%	26772.88	27.67%
13	Proposed expansion area	0	0.00%	3685.73	3.81%
Grand Total		96769.05	100.00%	96769.05	100.00%

Remark: Additional 16000 sqm area has been acquired by APL for Greenbelt development nearby and with that total green area with respect to existing plant premises will become more than 40%

6. Raw material details:

S. No.	Chemical	State	Means of Transportation
Existing Raw Material			
1	Resin RM	Liquid, Powder	By road
2	Solvent	Liquid	By road
3	Pigment	Liquid, Powder	By road
4	Additives	Liquid, Powder	By road
5	Monomer	Liquid	By road
6	Oil	Liquid	By road
7	Extender	Powder	By road
Existing Product			
1	Paints	Liquid	By road
After Expansion Raw Material			
1	Resin RM	Liquid, Powder	By road
2	Solvent	Liquid	By road
3	Pigment	Liquid, Powder	By road
4	Additives	Liquid, Powder	By road
5	Monomer	Liquid	By road
6	Oil	Liquid	By road
7	Extender	Powder	By road
After Expansion Products			
1	Paints	Liquid	By Road
2	Adhesives & Glue	Liquid	By Road

7. Water consumption details:

Sr. No.	Description	Fresh Water Consumption in Existing - KLD	Recycled Water (Treated water from ETP) - KLD	Fresh Water Consumption in Proposed - KLD (Difference only)	Total Fresh Water Consumption after Proposed Expansion - KLD	Recycled Water (Treated water from ETP & ZLD) after Proposed Expansion - KLD	Total Fresh + Recycled water after Proposed Expansion - KLD
1	Domestic	100	0	30	130	0	130
2	Cooling Tower	65	39	-31	34	105	139
3	Process	84	0	13	97	15	112
4	Boiler	12	0	0	12	0	12
5	Washing of vessels	12	0	6	18	8	26
6	Gardening and Cleaning Activities	0	55	39	39	0	39
Total Water Consumption		273	94	57	330	128	458

8. Hazardous waste:

Hazardous Waste Category Description	Quantity per Year (MT)		
	Existing	Proposed	Total after expansion
Cargo residue, washing water and sludge containing oil (Tank Bottom Sludge)	6	0	6
Sludge and filters contaminated with oil	7	0	7
Used or Spent oil	35	20	55
Discarded Asbestos	2	0	2
Contaminated aromatic, aliphatic or napthenic solvents may or may not be fit for use (waste Solvent)	42	0	42
Distillation Residue	30	0	30
Process wastes, residues and sludges	175	0	175
Wastes or residue (Waste Resin/ Emulsion/ Filter Aid))	75	0	75
Empty barrels/containers/liners contaminated with hazardous chemicals/wastes (Waste Pigment Bags)	125	-20	105
Chemical-containing residue arising from decontamination	5	0	5
Sludge from treatment of wastewater arising out of cleaning/disposal of barrels/containers	30	0	30
Exhaust air or gas cleaning residue	2	0	2
Spent ion exchange resin containing toxic metals	3	0	3
Chemical Sludge from waste water treatment	220	0	220
Oil and grease skimming	10	0	10
Spent Carbon or filter medium	2	0	2
Ash from incinerator and flue gas cleaning residue	25	0	25

9. The project proposal falls under category 5 (h) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-09

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with following conditions:

- In compliance of Hon'ble Court orders CNG based generator should be installed instead of diesel generator sets for power backup.
- Plantation should be proposed as per Miyawaki method i.e. planting different types of trees at very close intervals which give a good green cover. A total of 33% of the plot area should be designated for green belt which should be raised along the boundaries of the plot with minimum of 03 mt width along the periphery in organized manner.
- Statutory compliance:**
 - 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.
 - The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 - The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule species in the study area).
 - 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.
 - The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
 - The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of

Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989

4. Air quality monitoring and preservation:

1. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2s in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
4. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and /or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
5. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
6. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July , 2010 and amended from time to time shall be followed.
7. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.

5. Water quality monitoring and preservation:

1. The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD)
2. As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).
3. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
4. Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
5. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
6. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
7. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.

6. Noise monitoring and prevention :

1. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
2. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.

3. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during nighttime
7. **Energy Conservation measures:**
 1. The energy sources for lighting purposes shall preferably be LED based.
8. **Waste management:**
 1. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
 2. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
 3. The company shall undertake waste minimization measures as below:-
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - c. Use of automated filling to minimize spillage.
 - d. Use of Close Feed system into batch reactors.
 - e. Venting equipment through vapour recovery system.
 - f. Use of high pressure hoses for equipment clearing to reduce wastewater generation
9. **Green Belt:**
 1. The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.
10. **Safety, public hearing and human health issues:**
 1. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
 2. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
 3. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
 4. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
 5. 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, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
 6. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
 7. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places
11. **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.
5. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

12. Miscellaneous:

1. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent ' s website permanently.
2. 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.
3. 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.
4. The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
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.

10. Sand/Morrum Mining from Betwa Riverbed at Gata No.- 240, Khand No.- 03, Village- Hamanpur, Tehsil- Kalpi, Jalaun., Area: 13.360 ha. File No. 6241/5922/Proposal No. SIA/UP/MIN/61988/2020

The committee noted that the matter was earlier discussed in 539th SEAC meeting dated 13/04/2021 and directed the project proponent to submit DSR approved by competent authority. The project proponent submitted their replies vide letter dated 29/06/2021.

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

1. The environmental clearance is sought for Sand/Morrum Mining from Betwa River at Gata No. 240, Khand No. 03, Village- Himanpura, Tehsil – Kalpi District- Jalaun, Uttar Pradesh, (Leased Area- 13.360 ha).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 607/parya/SEAC/5922/2019, dated 07/01/2021.
3. The public hearing was organized on 01/03/2021. Final EIA report submitted by the project proponent on 19/03/2021.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/61988/2020		
2. File No. allotted by SEIAA, UP	6241/5922		
3. Name of Proponent	Shri Bishan Singh		
4. Full correspondence address of proponent and mobile No.	R/o- 240/4A, Civil Lines Kachahari chauraha, Tehsil- Jhansi, District- Jhansi, Uttar Pradesh.		
5. Name of Project	Proposed Himanpura Sand/Morrum Mining Project		
6. Project location (Plot/Khasra/Gata No.)	Gate No. 240 Khand 03		
7. Name of River	Betwa		
8. Name of Village	HIMANPURA		
9. Tehsil	Kalpi		
10. District	JALAUN		
11. Name of Minor Mineral	Sand		
12. Sanctioned Lease Area (in Ha.)	13.360 Ha		
13. Max & Min mRL within lease area	Max- 107 mRL and Min-105.2 mRL		
14. Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area		
	Pillar No.	Latitude	Longitude
	A	25°52'3.43"N	79°47'36.50"E
	B	25°51'49.80"N	79°47'35.77"E
	C	25°51'51.50"N	79°47'47.76"E

	D	25°52'6.05"N	79°47'48.44"E
	E	25°52'3.58"N	79°47'40.56"E
15. Total Geological Reserves	3,33,743cum		
16. Total Mineable Reserves in LOI	2,00,400cum		
17. Total Proposed Production	10,02,000 cum in 5 year		
18. Proposed Production/year	2,00,400cum		
19. Sanctioned Period of Mine lease	5 years		
20. Production of mine/day	770.76 cum		
21. Method of Mining	Semi-mechanized		
22. No. of working days	260		
23. Working hours/day	8 hours		
24. No. of workers	62		
25. No. of vehicles movement/day	45		
26. Type of Land	Government waste land		
27. Ultimate Depth of Mining	1.98 m		
28. Nearest metalled road from site	0.6 km		
29. Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.62
	Suppression of dust		7.68
	Plantation		0.65
	Total		8.95
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 EMP cost including CER Cost	Capital Cost-Rs.2.9 Lac + 1.9=4.8 Lac Recurring Cost-1.00 Lac/year		
35. No. of Trees to be Planted	325 plants		

5. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
6. 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-10

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.

11. Sand/Morrum Mining from Betwa River Bed at Khand No.- 240, Khand No.-04, Village-Himanpura, Tehsil-Kalpi, Jalaun., Area: 16.194 ha. File No. 6245/5670/Proposal No. SIA/UP/MIN/62040/2020

The committee noted that the matter was earlier discussed in 539th SEAC meeting dated 13/04/2021 and directed the project proponent to submit DSR approved by competent authority. The project proponent submitted their replies vide letter dated 29/06/2021.

A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Pvt. Ltd. The proponent, through the documents submitted and the presentation made

informed the committee that:-

1. The environmental clearance is sought for Sand/ Morrum Mining at Khand No. 04, Gata No.240, Village- Himanpura, Tehsil- Kalpi, District- Jalaun, U.P., Shri Yogendra Pramani, (Leased Area 16.194, ha).
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 218/parya/SEAC/5670/2019, dated 27/07/2020.
3. The public hearing was organized on 01/03/2021. Final EIA report submitted by the project proponent on 22/03/2021.
4. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/53308/2020		
2. File No. allotted by SEIAA, UP	6245-5670		
3. Name of Proponent	Shri Yogendra Pramani		
4. Full correspondence address of proponent and mobile No.	356/4, Civil Lines, Thana- Nawabad, Tehsil - Sadar, District- Jhansi, Uttar Pradesh		
	Mobile No-		
	Email-		
5. Name of Project	Proposed riverbed Sand/Morrum mining project from Betwa River for Shri Yogendra Pramani.		
6. Project location (Plot/Khasra/Gata No.)	Gata No. 240, Khand No. 04		
7. Name of River	Betwa		
8. Name of Village	Himanpura		
9. Tehsil	Kalpi		
10. District	Jalaun		
11. Name of Minor Mineral	Sand/Morrum		
12. Sanctioned Lease Area (in Ha.)	16.194		
13. Max & Min mRL within lease area	Max- 106 mRL and Min- 104 mRL		
14. Pillar Coordinates (Verified by DMO)	Pillar No.	Latitude	Longitude
	A	25°52'3.43"N	79°47'36.50"E
	B	25°52'3.78"N	79°47'22.83"E
	C	25°51'49.47"N	79°47'21.85"E
	D	25°51'49.88"N	79°47'35.77"E
	D1	25°51'49.83"N	79°47'23.55"E
15. Total Geological Reserves	4,04,806 cum		
16. Total Mineable Reserves in LOI	2,42,910 cum		
17. Total Proposed Production	12,14,550 cum		
18. Proposed Production/year	2,42,910 cum		
19. Sanctioned Period of Mine lease	5 years		
20. Production of mine/day	934.26		
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	64		
25. No. of vehicles movement/day	71		
26. Type of Land	Government waste land		
27. Ultimate Depth of Mining	1.6537		
28. Nearest metalled road from site	0.8 km		
29. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.64	
	Suppression of dust	10.46	
	Plantation	0.88	
	Others (if any)	-	
	Total	11.98	

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. 36. Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, 985/ Khanij M M C- 30
33. Details of Lease Area in approved DSR	Yes, Page No. 54 Sl. No. 48
34. Proposed CER cost	Rs 1,90,000 /-
35. Proposed EMP cost	Rs 6,51,388 /-
36. Length and breadth of Haul Road	Length: 0.872 km, width: 6 m
37. No. of Trees to be Planted	440 plants

5. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
6. 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-11

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.

12. Expansion of Multiplex and Commercial Complex Building (Fun Republic) at Khasra No.- 103 (Part), 105 (Part), 105 (Part), 106 (Part), 116 (Part), 117 (Part), 117 (Part), 118 (Part), 199(Part), Bhikhamnagar, Gomti Nagar, Lucknow., Shri Vikas Katoch, M/s E-City Entertainment (India) Pvt. Ltd. File No. 6414/Proposal No. SIA/UP/MIS/217388/2021

The committee noted that Shri Arvind Kumar Rai, Advocate, Hon'ble High Court, Allahabad/Hon'ble NGT, New Delhi sent a legal notice via email on 24/06/2021 to CEO5, UP Pollution Control Board, Lucknow and Regional Officer, UP Pollution Control Board, Lucknow and on 05/07/2021 to The Additional Chief Conservator of Forest, Ministry of Environment, Forest & Climate Change, Regional Office (CZ), Lucknow for Project "E-City Entertainment India Pvt. Ltd." located at Opposite Paryatan Bhawan Industrial Area, Gomti Nagar, Lucknow. Copy of these notices has been sent to Chairman, SEIAA UP, Lucknow and Chairman, SEAC I & II, UP, Lucknow.

In his complaint Shri Arvind Kumar Rai has claimed that Consent to Establish (CTE) has been issued to "E-City Entertainment India Pvt. Ltd." located at Opposite Paryatan Bhawan Industrial Area, Gomti Nagar, Lucknow on 04/11/2020 by CEO5, UP Pollution Control Board, Lucknow which is illegal as it has been issued before obtaining Environment Clearance (EC) for project expansion.

He has mentioned that the existing built up area of the project is about 18000 sqm and proposed expansion of the project is approximately 6503 sqm. After proposed expansion, the total built-up area of the project will be more than 20,000 sqm and Environmental Clearance (EC) is required for the project as per EIA Notification 2006. He has claimed that the Project Proponent has constructed Basement without getting prior Environment clearance which is an offence under section 15 of EP Act, 1986 and considering these facts, the CTE issued to "E-City Entertainment India Pvt. Ltd." located at Opposite Paryatan Bhawan Industrial Area, Gomti Nagar, Lucknow should be revoked.

While assessing the application of “E-City Entertainment India Pvt. Ltd., Lucknow” for granting prior Environmental Clearance for project expansion, the committee went through the legal notice and observed that Shri Arvind Kumar Rai has claimed that M/s E-City Entertainment India Pvt. Ltd., Lucknow has started the construction work of expansion project without getting the prior Environmental Clearance. The committee noted that the project proponent M/s E-City Entertainment India Pvt. Ltd. has submitted an affidavit to SEAC-2 dated 30/07/2021 clearly mentioning that till date they have not started any construction activity at the proposed expansion site. The project proponent submitted the site photographs mentioning the date, time and geo-coordinates of the site in support of no construction affidavit. The committee also observed that issuance of CTO/CTE comes under the purview of UP Pollution Control Board, Lucknow and they are the only competent authority to grant/reject or revoke the CTO/CTE.

In view of above, the committee, after in depth discussion, opined that the affidavit, photographs and Google image submitted by the project proponent does not shows any construction activities on the proposed site. Committee further opined that the complaint has been submitted with some misunderstanding and without proper scrutiny of facts.

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

1. The environmental clearance is sought for Expansion of Multiplex and Commercial Complex Building (Fun Republic) at Khasra No.- 103 (Part), 105 (Part), 105 (Part), 106 (Part), 116 (Part), 117 (Part), 117 (Part), 118 (Part), 199(Part), Bhikhamnagar, Gomti Nagar, Lucknow, U.P., M/s E-City Entertainment (India) Pvt. Ltd.
2. Existing built up area of the project is 46038.650 sqm. After proposed expansion built up area will be 61199.120 sqm. The project having 01 exiting Block on 8th Floor and second proposed block on 4th floor.
3. Salient features of the project:

Facilities	Multiplex Commercial Complex Office
No. of Building Blocks	There will be two blocks (One existing block & One Proposed Block)
Basements	4 No in proposed block
Floor	In Existing block 8 th Floor and proposed block 4 basement + GF+ 4 th Floor.
Total Plot Area	16007.46 sq.m.
Proposed FAR Area after expansion	38406.32 sq.m.
Non FAR Area after expansion	22778.80 sq.m.
Built-up Area after expansion	61199.120 sq.m.
Total Parking Proposed	733 ECS proposed against requirement of 728 ECS
Total population after expansion	9362 persons
Total Project Cost	40 Crores
Energy Conservation	16 % of total demand energy saving by adopting different energy conservation measures.
Maximum Height	Approx.26 m
Proposed Landscape Area	1622.64 sqm (@ 10.13% of the plot area) Number of proposed tree is to be planted : 28
Soil Excavation	23883.8 Cubic Meter
Power Requirement & Source	Existing Power Requirement will be – 2850 (Including Multiplex and commercial Shopping) After expansion power requirement will be 3820 KVA which will be tapped from the concerned Electricity board

Minutes of 554th SEAC Meeting Dated 30/07/2021

Power Backup	Backup of Existing DG sets will be used 1250 KVA (3 Nos.) + 750 KVA (1 No.)=4500 KVA
Water Requirement & Source	Fresh Water: 103 KLD (Borewell) Reuse of treated effluent as received from the STP: 113 KLD. Total Water Requirement: 216 KLD
Sewage treatment & Disposal	The waste water generated from shopping mall and multiplex (i.e. 185 KLD) would be treated in the STP capacity 300 KLD. Recycled water shall be used after tertiary treatment i.e 113 KLD water for flushing & Horticulture
The solid waste generated	1404.38 kg/Day-Municipal waste & 0.8 kg/day –Horticulture waste will be generated , segregated and disposed as per solid waste management Rules 2016 through approved agency for handling & disposal solid waste.
Rain water harvesting pits	02 pits
Connectivity	The proposed site is well connected with road , rail and air network. It is part of Gomti Nagar, Lucknow. Gomti Nagar railway Station: 2.74 Km , NH-28-1.47 km. The nearest Airport Chaudhary Charan Singh Airport, Amausi , Lucknow: 14.09 Km

4. Land use details:

S.No	Land Use	Area (Sqm)	Area (%)
1	Covered Area	8003.73	40
2	Landscape Area	1622.64	10
3	Open Area	6380.79	50
	Total	16007.16	100

5. Comparative area details:

S.No	Particulars	Existing Detail	Proposed Detail	Total after expansion
A	Total Land	16007.46 m ²	No Change	16007.46 m ²
B	Permissible Land Coverage (@ 50% of Plot Area)	8003.73 m ²	No Change	8003.73 m ²
C	Achieved Ground Coverage (@40.6% of the plot area)	5282.46 m ²	1223.36 m ²	6505.82 m ²
D	Total Permissible FAR (Including purchasable FAR @ 2.65)	42019.58 m ²	-	42019.58 m ²
E	Total Proposed FAR	31728.61 m ²	6677.71 m ²	38406.32 m ²
F	Non FAR Area (Basement +Mumty/Machine room + Fire room	14296.04 m ²	8482.76 m ²	22778.80 m ²
G	Number of basement	02 Nos.	04 nos.	4 Nos in proposed block and 02 nos in existing block
H	Basement Area	1481.8 m ²	8388.5 m ²	22570.3 m ²
I	Required Parking	480 ECS	248 ECS	728 ECS
J	Proposed Parking	480 ECS	253 ECS	733 ECS
K	Required Landscape Area	1600 m ²	-	1600 m ²
L	Proposed Landscape Area	1622.64 m ²	-	1622.64 m ²
M	Total Buildup Area	46038.650 m ²	15160.47 m ²	61199.120 m ²

6. The total quantity of water requirement for the proposed Shopping mall with multiplex building is 216 KLD out of which the Fresh Water requirement of 103 KLD would be met from the Bore wells. 185 KLD waste water will be generated from the project which shall be treated in a Sewage Treatment Plant of capacity 300 KLD. Recycled water as received from STP after tertiary treatment i.e. 111 KLD water for flushing and 2 KLD water for the horticulture uses.

7. Parking details:

S. No	Parking Required (As Per Bye Laws)	ECS
-------	------------------------------------	-----

1	Car parking required for shop & office	98 Nos.
2	Car parking required for (Audi 638 Seats)	638/10=64 Nos.
	Total car parking required	162+86=248 nos
	Parking Provided	
3	Car parking provided in 1 st basement	27 Nos.
4	Car parking provided in 2 st basement	50 Nos.
5	Car parking provided in 3 st basement	50 Nos.
6	Car parking provided in 4 st basement	51 Nos.
7	Car parking in the open space	75 Nos.
	Total Car Parking Provided	253 Nos.

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

RESOLUTION AGAINST AGENDA NO-12

The committee discussed the matter and recommended grant of environmental clearance on the proposal as above alongwith following conditions:

- I. Charging points for electrical vehicle should be provided in suitable places.
- II. Organic waste convertor should be installed.
- III. The solid waste generated should be properly collected and segregated on site.
- IV. Noise monitoring station should be installed on site.
- V. Energy conservation measures like installation of LEDs/CFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use LEDs and CFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines / rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible.
- VI. 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.

VII. 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 carryout 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 with in consultation with State Pollution Control Board.
5. 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 National Building Code of India.

VIII. 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 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 byelaw 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.

IX. 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.

X. 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.

XI. 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.

XII. 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.

XIII. 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.

XIV. 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.

XV. 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.

XVI. Miscellaneous:

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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.
7. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
8. 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.
9. 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).
10. 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.

11. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
13. 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.
14. 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.
15. 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.

13. "Building Stone (Khanda, Gitti- Boulder) Mine" Project at Arazi No.-288, Khand No.-03, at Village- Majhol, Tehsil- Charkhari, District- Mahoba, U.P., M/s Ekta Construction Leased Area -0.809 ha. File No. 6306/Proposal No. SIA/UP/MIN/202776/2021

A presentation was made by the project proponent along with their consultant M/s Globus Environment Engineering Services. The committee discussed the matter and directed the project proponent to submit following information:

1. Revised Environment Management Plan.
2. Revised CER plan.
3. Revised plantation plan with identification of green belt, type and number of plants/trees and their location in consultation with forest department should be submitted.

The matter shall be discussed after getting the above information on prescribed portal.

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

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

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

(Tanzar Ullah Khan)
Member, SEAC-2

(Prof. Jaswant Singh)
Member, SEAC-2

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

(Ashish Tiwari)
Member-Secretary, SEAC-1 & 2

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 Sand/Morum Mining Proposals

General Conditions:

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

form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.

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

36. The proponent shall observe every 15 day for nesting of any turtle in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat/nesting area is undisturbed.
37. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro geological regime of the surrounding area shall not be affected.
38. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
39. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
40. Vehicular emissions shall be kept under control and regularly monitored. The vehicles carrying the mineral shall not be overloaded.
41. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. (MoEF circular Dated : 22-09-2008 regarding stipulation of condition to improve the living conditions of construction labour at site).
42. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
43. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
44. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.
45. The green cover development/tree plantation is to be done in an area equivalent to 20% of the total leased area either on river bank or along road side (Avenue Plantation).
46. Debris from the river bed will be collected and stored at secured place and may be utilized for strengthen the embankment.
47. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile/insect like snake.
48. Periodical and Annual medical checkup of workers as per Mines Act and they should be covered under ESI as per rule.

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. Pakka motorable 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 25 ha. then additional conditions based on the EIA shall be imposed. The lease holder shall mandatorily follow cluster conditions otherwise it will amount to violation of E.C. conditions. If the certificate related to cluster provided by the competent authority is found false or incorrect then punitive actions as per law shall be initiated against the authority issuing the cluster certificate.
27. Project falling with in 10 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
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 25ha, but

factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 25ha, the E.C issued will stand revoked.

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 whichever is less, shall be left on both the banks of precise area to control and avoid erosion of river bank. The mining is confined to extraction of sand/moram from the river bank only.
33. The project proponent shall undertake adequate safeguard measures during extraction of river bank material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
34. The project proponent shall adhere to mining in conformity to plan submitted for the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season.
35. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed.
36. The project proponent will provide personal protective equipment (PPE) as required, also provide adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
37. The critical parameters such as PM10, PM2.5, SO2 and NOx in the ambient air within the impact zone shall be monitored periodically. Further, quality of discharged water if any shall also be monitored [(TDS, DO, pH, Fecal Coliform and Total Suspended Solids (TSS))].
38. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads.
39. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
40. The extended mining scheme will be submitted by the proponent before expiry of present mining plan.
41. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for monitoring PM10, PM2.5, SO2 and NOx. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
42. Common road for transportation of mineral is to be maintained collectively. Total cost will be shared/worked out on the basis of lease area among users.
43. Proponent will provide adequate sanitary facility in the form of mobile toilets to the labours engaged for the project work.
44. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately storage in bins and managed as per Solid Waste Management rules.
45. Natural/customary paths used by villagers should not be obstructed at any time by the activities proposed under the project.
46. Digital processing of the entire lease area in the district using remote sensing technique should be done regularly once in three years for monitoring the change of river course by Directorate of Geology and Mining, Govt. of Uttar Pradesh. The record of such study to be maintained and report be submitted to Regional office of MoEF, 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 Regional Office of the Ministry located in 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.