

Minutes of 752nd SEAC-1 Meeting Dated 18/05/2023

The 752nd meeting of SEAC-1 was held in the Directorate of Environment, U.P. through dual-mode (physically/virtually) at 10:00 AM on 18/05/2023. Following members participated in the meeting:

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|----|----------------------------|-----------------------------|
| 1. | Shri Rajive Kumar, | Chairman, SEAC |
| 2. | Dr. Ajai Mishra, | Member, SEAC-1 (through VC) |
| 3. | Dr. Ratan Kar, | Member, SEAC-1 |
| 4. | Dr. Brij Bihari Awasthi, | Member, SEAC-1 |
| 5. | Shri Umesh Chandra Sharma, | Member, SEAC-1 |
| 6. | Shri Ashish Tiwari, | Member-Secretary, SEAC-1 |

The Chairman welcomed the members to the 752nd SEAC-1 meeting which was conducted via dual-mode (virtually/physically). Nodal Officer, SEAC-1 informed the committee that the agenda has been approved by the Member Secretary, SEAC-1/Director Environment. Nodal Officer, SEAC-1 placed the agenda items along with the available file and documents before the SEAC-1.

1. Revision & Expansion of Group Housing Project “Vaastu Homes” at Plot No.4BS/2(GH-02), Siddharth Vihar Yojana, Ghaziabad, U.P., Shri Navrang Kumar, M/s Envyrans Infrastructure Private Limited. File No. 7767/SIA/UP/INFRA2/425083/2023

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

1. The environmental clearance is sought for Revision & Expansion of Group Housing Project “Vaastu Homes” at Plot No. 4BS/2(GH-02), Siddharth Vihar Yojana, Ghaziabad, U.P., M/s Envyrans Infrastructure Private Limited.
2. Environmental clearance for the existing project was issued by MoEFCC, Govt. of India vide letter no. F.No. 21-298/2017-IA-III dated 28th November, 2017 for the plot area: 12000 sqm. & built-up Area: 87082.10 sqm.
3. Salient features of the project:

S.N.	Description	Proposed details
1.	Geographical Co-ordinates	Latitude: 28°39'9.05"N, Longitude: 77°24'19.61"E
2.	Plot Area	12000 Sq. mtr.
3.	Built-up Area	108892.77Sq.mtr.
4.	Green Area	1207.36 Sq.m 154 numbers of tree proposed to be planted
5.	Estimated Water Requirement with source: Construction Phase Operational Phase	100 KLD source :nearby CSTPs 202.63 KLD Fresh water- 137.64. KLD, source- Municipal Supply Treated water-64.99 KLD , source- STP
6.	Estimated wastewater generation and treatment	157.86 KLD (STP with capacity of 190 KLD based on MBBR)
7.	Power Demand and Source Power Back-up	2243.32 kVA by Uttar Pradesh Power Corporation Limited (UPPCL). 3 No. of D.G sets 2100 kVA (2x750 + 1x600)
8.	Solid Waste Generation	In operation phase total 1114.20 Kg/day
9.	Parking Facilities Required Total Parking required Total Parking Proposed	Required :482 ECS. Provided:731.62 ECS.
10.	RWH Pits	5 pits
11.	Project Cost	381 crores

12.	Project Completion Date	December, 2026
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4. Comparative area statement:

S.No.	Particulars	As per EC Accorded Area(m ²)	Revision & Expansion Area (m ²)
1.	Total Plot Area	12000	12000
2.	Built Up Area	87082.10	108892.77
3.	Total Dwelling Units	688 units Residential: =568 EWS and LIG= 120	411 units Residential: =287 EWS and LIG= 124
4.	No. of Tower	4	3

5. Water requirement details:

S.No.	Description	Total Area (m ²)	Total Occupancy	Rate of water demand (LPCD)	Total Water Requirement (KLD)
A.	Domestic Water				
(a)	Residential Water Requirement				
	General Flats 287 Units @5 Person	Fresh	1435	65	93.28
		Flushing	1435	21	30.14
	EWS & LIG 124 Units@5 Person	Fresh	620	65	40.30
		Flushing	620	21	13.02
	Maintenance Staff	Fresh	103	20	2.06
		Flushing	103	10	1.03
	Visitor/Floating	Fresh	206	5	1.03
		Flushing	206	10	2.06
(b)	Commercial Water Requirement				
	Staffs	Fresh	15	20	0.30
		Flushing	15	10	0.15
	Visitors	Fresh	135	5	0.67
		Flushing	135	10	1.35
B.	Horticulture	1207.36		6 lt./sqm/day	7.24
C.	DG Cooling				10
	Total Water Requirement				202.63

6. Waste water details:

Particulars	KLD
Fresh Water Requirement	137.64
Flushing Water Requirement	47.75
Wastewater Generated (@ 80% fresh domestic water + 100% flushing + 100 % Filter Backwash)	157.86
STP capacity	190 KLD

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

The consultant (EIA Coordinator) also submitted an affidavit dated 16/05/2023 mentioning is as follows:

1. I, Tarun Saharan, S/o Shri Ranveer Saharan is the EIA Coordinator of M/s Ambiental Global Pvt. Ltd.
2. I have prepared EIA/EMP report for the proposal (File no. 7767, Proposal no. SIA/UP/Infra2/425083/2023, Name: Revision & Expansion of Group Housing Project “Vaastu Homes” at Plot No. 4BS/2(GH-02), Siddharth Vihar Yojana, Ghaziabad, U.P., M/s Envyrans Infrastructure Private Limited with my team.
3. I have personally visited the site of proposal and certify that construction activity has been undertaken on the project site for the present proposal as per existing EC letter no. F.No. 21-298/2017-IA-III, dated 28th November, 2017.

4. I am satisfied with that all the necessary data/information required for EIA/EMP preparations are true and correct.
5. I certify that this project has been uploaded for this first time on Parivesh portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and hard copy/presentation submitted which will be submitted after acceptance of application.
7. The EIA/EMP report for the proposal is prepared by my team as per guidelines laid down by QCI/ NABET.

RESOLUTION AGAINST AGENDA NO. 01

The committee discussed the matter and recommended grant of environmental clearance on the proposal as above alongwith standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:

Additional Conditions:

1. Project proponent is advised to explore the possibility and getting the cement in a closed container rather through the plastic bag to prevent dust emissions at the time of loading/unloading.
2. Project proponent should ensure that there will be no use of “Single use of Plastic” (SUP).
3. In compliance to Hon’ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation and also comply with the other directions in the above writ petition.
4. The proponent should provide the sufficient electric vehicle charging points as per the requirements at ground level and allocate the safe and suitable place inside the boundary as per project.
5. No parking should be allowed on the roadside and outside the premises.
6. Odour free technology should be explored for the STP and also aromatic plantation to be done around the STP area to prevent the odour problem. The treated water of STP shall be used for different uses and also for irrigation purposes according to the requirement. No treated effluent is permitted to discharge outside the storm drain / sewer line without permission of concerned authorities.

Standard Environmental Clearance Conditions prescribed by MoEF&CC:

1. Statutory compliance:
 1. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
 2. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc as per National Building Code including protection measures from lightning etc.
 3. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
 4. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
 6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
 7. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.

8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
9. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
10. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
2. Air quality monitoring and preservation:
 1. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
 2. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
 3. The project proponent shall install system to 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. 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.
 5. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
 6. Wet jet shall be provided for grinding and stone cutting.
 7. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
 8. 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.
 9. 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.
 10. 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. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
 11. For indoor air quality the ventilation provisions as per National Building Code of India.
3. Water quality monitoring and preservation:
 1. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
 2. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
 3. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
 4. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
 5. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.

6. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
 7. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation car washing, thermal cooling, conditioning etc. shall be done.
 8. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
 9. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
 10. Water demand during construction should be reduced by 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.
4. Noise monitoring and prevention:
1. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.

2. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
3. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
5. Energy Conservation measures:
 1. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
 2. Outdoor and common area lighting shall be LED.
 3. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
 4. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
 5. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
 6. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
6. Waste Management :
 1. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
 2. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
 3. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
 4. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
 5. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
 6. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
 7. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
 8. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
 9. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
 10. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
7. Green Cover:

1. No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
2. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
3. Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
4. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.
8. Transport:
 1. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
 - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points.
 - d. Parking norms as per local regulation.
 2. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
 3. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
9. Human health issues :
 1. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
 2. For indoor air quality the ventilation provisions as per National Building Code of India.
 3. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
 4. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
 5. Occupational health surveillance of the workers shall be done on a regular basis.
 6. A First Aid Room shall be provided in the project both during construction and operations of the project.
10. Corporate Environment Responsibility:
 1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.

2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
 3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
 4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
11. Miscellaneous:
1. 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.

2. Expansion of existing Rolling Mill for the production of TMT Bars from 63000 MT/Year to 99000 MT/Year and existing 24000 MT/Year Ingots production through induction furnace route located at 7th km Bhopa Road, Village - Mustafabad, Muzaffarnagar, Shri Anil Kumar Tayal, M/s RSW Steel Private Limited., 7771/ 7459/SIA/UP/IND1/424869/2023

RESOLUTION AGAINST AGENDA NO. 02

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

3. Shree Agra Cement Plant (Clinker Grinding Unit) with Cement Production Capacity of 5.0 Million TPA and D.G. Sets of 1250 KVA (1000 KVA or 2 x 500 KVA & 250 KVA) along with Railway Siding at Khasra No.- 986, 1029, 1032, 1033, 1035, 1418, 1422, 1423, 1424, 1425, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1494, 1495, 1496, and 1497, Village- Nigoh Hasanpur, Block: Sakit, Tehsil & District- Etah, Dr. Anil Kumar Trivedi, M/s Shree Cement North Pvt. Ltd., 7772/ 6549/SIA/UP/IND1/425085/2023

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

1. The environment clearance is sought for Shree Agra Cement Plant (Clinker Grinding Unit) with cement production capacity of 5.0 Million TPA (OPC, PPC, PSC, RHPC, SRC & Composite Cement) and D.G. Sets of 1250 KVA (1000 KVA or 2 x 500 KVA & 250 KVA) along with Railway Siding at Khasra No. 986, 1029, 1032, 1033, 1035, 1418, 1422, 1423, 1424, 1425, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1494, 1495, 1496, and 1497, Village: Nigoh Hasanpur, Block: Sakit, Tehsil & District: Etah (Uttar Pradesh), M/s Shree Cement North Private Limited.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 420/Parya/SEIAA/6549/2021, dated 07/01/2022.
3. The public hearing was organized on 11th April, 2022. Final EIA report submitted by the project proponent on 11/04/2023.
4. Production details:

Sr. No.	Particular	Proposed Capacity
1	Cement (OPC, PPC, PSC, RHPC, SRC & Composite Cement)	5.0 Million TPA
2	D.G. Sets	1250 KVA (1000 KVA or 2 x 500 KVA & 250 KVA)
3	Railway Siding	Part of Project

5. Land use details:

- Total project area is 27.92 ha. The entire land area of the project site is under possession of the applicant company. The land use of the project site has been changed from agricultural to industrial for setting up of Clinker Grinding Unit. No Forest land is involved in the project area.

- Out of the total project area, approx. 9.21 ha (~33% of the total project area) will be covered under greenbelt & plantation and Miyawaki method of plantation in accordance with CPCB guidelines will be adopted for greenbelt development & plantation.

6. Raw material details:

S. No.	Raw Material	Requirement (Million TPA) *				Source	Approx. Distance & Mode of Transportation
		OPC / RHPC / SRC	PPC	PSC	Composite Cement		
1.	Clinker	4.65	2.9	1.9	1.9	SCL's Plants located at Ras, Beawar, Nawalgarh (Proposed) in Rajasthan and Raipur in Chhattisgarh	Nawalgarh - 470 km Beawar - 520 km Ras - 550 km Raipur - 950 km By Road & Rail
2.	Gypsum	0.35	0.35	0.35	0.35	Mineral & Chemical Gypsum from Nagaur and Bikaner (Raj.); Synthetic Gypsum from sister unit of Sister Company's Plants at Ras (Pali), Beawar (Ajmer) in Rajasthan Imported Gypsum from Oman & Pakistan (Kandla Port)	Bikaner - 660 km Nagaur - 920 km Ras - 550 km Beawar - 520 km Kandla Port - 1190 km By Road & Rail
3.	Fly ash	-	1.75	-	1.75	Jawaharpur Thermal Power Plant (UPRVUNL), Etah Harduaganj Thermal Power Station, Aligarh NTPC Auraiya, Power Plant, Auraiya	Adjoining area 90 km 180 km By Road
4.	Slag	-	-	2.75	1.0	Open Market / Jindal Steel & Power Limited / Bhilai Steel Plant / Bokaro Steel Plant	Open Market - 50 - 200 km Steel Plant - 1000 km By Rail & Road
Total Cement Capacity*		5.0	5.0	5.0	5.0	-	-
*Cement production will be done 5.0 Million TPA only either from various options as OPC / RHPC / SRC, PPC, PSC & Composite Cement.							

7. Fuel requirement details:

S. No.	Name of Fuel	Quantity Required	Calorific value (Kcal. /kg)	% Ash	% Sulphur	Source	Distance & Mode of transportation
1.	Coal (Million TPA)	0.025	Indian Coal: 3700 Imported Coal: 3942	35 33.8	0.4 0.5	Local Market Indian and imported & other sources	~50 to 500 km by Road Kandla Port, ~1200 km by Road & Rail
2.	HSD (Litre per day)	600	9900 - 10500	0.01	0.20	Local Market	~50-100 km by Road
3.	Dolochar (TPD)	30	2500 - 2700	68.18	0.32	Open Market / Nearby Sponge iron plants	~ 50 to 1500 km by Road & Rail
4.	Bio Mass (TPD)	30	2300 - 2500	15-22	0.59 – 0.29	Nearby Agriculture fields	~100 km by Road

8. Salient features:

S. No.	Particular	Detail	Source
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1.	Water Requirement (KLD)			350	Ground water and Surface water from Malawan Rajhwa Distributary Canal
2.	Power Requirement (MW)			31.9	State Electricity Grid and D.G. Sets of 1250 KVA (1000 KVA or 2 x 500 KVA & 250 KVA) (for emergency power back-up).
3.	Manpower Requirement (No. of persons)	A.	Construction phase	300	Unskilled / Semi-skilled - local /nearby area and Skilled - outside /local /nearby area based on eligibility criteria.
		B.	Operation Phase		
		i.	Regular	100	
		ii.	Contractual	150	
		Total (i + ii)		250	

9. Details regarding emission, effluent & hazardous waste and its management:

Particulars	Type	Source	Management
Emissions	PM	Grinding unit (Cement Mill)	High Efficiency Bag House at Cement Mill Stack
Fugitive Emission	SPM	Raw Material Handling, Storage and Transportation activity	<ul style="list-style-type: none"> o Covered belts Conveyor for transfer of raw materials / finished products. o Bag filters (70 nos.) will be provided at all material transfer points o Fly ash received through closed bulkers & fed into silo through pneumatic system. o Clinker, Fly ash and Cement stored in the silos. o Gypsum, Coal, Dolochar & Biomass will be stored in the covered sheds. o Water sprinkling will be done to control dust. o Use of Road sweeping machines o Proper maintenance of vehicles to reduce gaseous emissions o Using PUC certified vehicles and allowing the same inside plant premises. o Greenbelt & plantation will be carried out all along the plant boundary to attenuate air pollution. (approx. 9.21 ha (~33 % of the total plant area))
Process Waste Water	Waste water	Plant Process	<ul style="list-style-type: none"> o Grinding unit will be based on the dry process technology. o RO reject water will be used for spray in cement mill; hence, no waste water will be discharged outside the plant premises hence, Zero Liquid Discharge (ZLD) will be maintained in Grinding Unit.
Domestic Waste water	Waste Water	Plant & Canteen	Domestic waste water (10 KLD) will be generated from office toilets, RO & Canteen and further it will be treated in STP and treated water (9 KLD) will be used for greenbelt development & plantation.
Solid & Hazardous waste	Cement Dust	Grinding unit	Dust collected from various APCE will be totally recycled into the process.
	STP Sludge	STP	STP Sludge will be used as manure for greenbelt development & plantation
	MSW	Plant & Canteen	Bio-degradable waste will be converted in compost through organic waste converter (OWC) and non-degradable wastes will be disposed of suitably as per MSW Rules, 2016 as amended thereof.
	<ul style="list-style-type: none"> o Used or Spent Oil (Cat. 5.1) o Residue containin g oil (5.2) 	Plant Maintenance	Used Oil (Cat 5.1) (~ 25 KL/annum) & Waste residue containing oil (Cat 5.2) (~ 2.0 KL/annum) will be sold to CPCB authorized recycler.

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

The consultant (EIA Coordinator) also submitted an affidavit dated 16/05/2023 mentioning is as follows:

1. I, Ramesh K Yadav, S/o Shri MC Yadav is EIA Coordinator of M/s J.M. Enviro Net Pvt. Ltd.
2. I have prepared the EIA/EMP report for the proposal in name of proposed Shree Agra Cement Plant (Clinker Grinding Unit) with cement production capacity of 5.0 Million TPA (OPC, PPC, PSC, RHPC, SRC & Composite Cement) and D.G. Sets of 1250 KVA (1000 KVA or 2 x 500 KVA & 250 KVA) along with Railway Siding at Khasra No. 986, 1029, 1032, 1033, 1035, 1418, 1422, 1423, 1424, 1425, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1494, 1495, 1496, and 1497, Village: Nigoh Hasanpur, Block: Sakit, Tehsil & District: Etah (Uttar Pradesh), M/s Shree Cement North Private Limited with my team.
3. I have personally visited the site of proposal and certify that no construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied that all the necessary data/information submitted along with Application/EIA/EMP are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. I state that all the TOR points have been complied and all the issues raised during public hearing have been properly addressed in EIA report.
8. The EIA/EMP application for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO-03

The committee discussed the matter and recommended grant of environmental clearance for the project proposal as above along with standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:

Additional conditions:

- I. Project proponent should explore the possibility of reducing ground water usage and try to minimize in the future.
- II. Three tier green belts shall be developed with native species all along the periphery of the project. Site survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years (Miyawaki method to be adopted for plantation)
- III. Performance test shall be conducted on all pollution control system every year and report shall be submitted to Regional office of the MoEF and CC.
- IV. Greening and paving shall be implemented in the plant area to arrest soil erosion and dust pollution exposed soil surface.
- V. Properly covered vehicles shall be used while transporting material and product.
- VI. Project Proponent should adopt 02 villages & development them as model village.
- VII. Allergy test should also be included in health checkup of works.

Standard environmental clearance conditions:

- I. Statutory compliance
 - i. 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.
 - ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
 - iii. 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).

- iv. 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 State pollution Control Board.
- v. 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.
- vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.

II. 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 vide G.S.R. No. 612 (E) dated 25th August, 2014 (Cement) and subsequent amendment dated 9th May, 2016 (Cement) 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.
- ii. 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.
- iii. The project proponent shall install system carryout to 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, SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area at least at two locations (one within and one outside the plant area), covering upwind and downwind directions .
- iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six- monthly monitoring report.
- v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
- vi. The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.
- vii. Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.
- viii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
- ix. Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.
- x. Provide wind shelter fence and chemical spraying on the raw material stock piles.
- xi. Have separate truck parking area and monitor vehicular emissions at regular interval.
- xii. Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts/railways as a mode of transport.
- xiii. Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, cement bagging plants

III. Water quality monitoring and preservation:

- i. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25th August, 2014 (Cement) and subsequent amendment dated 9th May, 2016 (Cement) 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. (Case to case basis small plants: Manual; Large plants: Continuous).
- ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers /sampling wells in the plant and

adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.

- iii. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
 - iv. Adhere to Zero Liquid Discharge.
 - v. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
 - vi. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off
 - vii. The project proponent shall practice rainwater harvesting to maximum possible extent.
 - viii. Water meters shall be provided at the inlet to all unit processes in the cement plant.
 - ix. The project proponent shall make efforts to minimize water consumption in the cement plant complex by segregation of used water, practicing cascade use and by recycling treated water.
- IV. Noise monitoring and prevention
- i. 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.
 - ii. 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.
- V. Energy Conservation measures
- i. 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.
 - ii. Provide the project proponent for LED lights in their offices and residential areas.
 - iii. Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.
- VI. Waste management
- i. The waste oil, grease and other hazardous shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
 - ii. Kitchen waste shall be composted or converted to biogas for further use. (to be decided on case to case basis depending on type and size of plant).
- VII. Green Belt
- i. 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.
 - ii. The industry shall develop green belt as per the map provided by the PP and adopt area in existing industrial area to compensate 33% green belt.
 - iii. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.
- VIII. 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 PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
 - iii. 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.
 - iv. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

- IX. 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 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 report 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.
 - vi. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the cement plants shall be implemented.
- X. Miscellaneous
- i. Under CER activity as committed ambulance for handicapped, equipped with medical facilities may be provided.
 - ii. 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.
 - iii. 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.
 - iv. 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.
 - v. 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.
 - vi. 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.
 - vii. The project proponent shall submit the environmental statement for each financial year in Form-V to the State Pollution Control Board as prescribed under the Environment (Protection) Rules , 1986, as amended subsequently and put on the website of the company.
 - viii. 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.
 - ix. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
 - x. 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.
- xi. 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).
 - xii. 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.
 - xiii. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
 - xiv. The Ministry reserves the right to stipulate additional conditions if found necessary.
 - xv. The Company in a time bound manner shall implement these conditions.
 - xvi. 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 g reports.
 - xvii. 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.
 - xviii. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

4. Ekana Ontario (R-3 Residential Project) & Ekana Antalya (R-4 Group Housing Project) at Ekana Sportz City Sector- 7, Gomti Nagar Extension Shaheed Path Road, District-Lucknow, Shri Pradeep Kumar Singh., 7773/SIA/UP/INFRA2/425723/2023

The project proponent vide letter dated 18/05/2023 informed that project was listed for appraisal in 752nd SEAC meeting dated 18/05/2023, however, the directors of the company could not attend the meeting as they are out of station and the project proponent requested to defer the matter in next SEAC meeting proposed on 23/05/2023. The committee agreed with request made by project proponent directed to list the matter in SEAC meeting dated 23/05/2023.

5. Expansion of proposed Grain Based Ethanol Distillery Capacity from 50 KLD To 80 KLD along with 2.0 MW Co Gen Power at Khasra No – 494chha, 549ka, 549ga, 549kha, 565, 549gha, Total Area – 3.056 Ha, Village: Khiwai, Block: Sarurpur, Tehsil: Sardhana, District: Meerut, Shri Vinish Gupta, M/s RCP Distilleries (India) Private Limited., 7780/7274/SIA/UP/IND2/425693/2023

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

1. The environmental clearance is sought for Expansion of proposed Grain Based Ethanol Distillery Capacity from 50 KLD To 80 KLD along with 2.0 MW Co Gen Power at Khasra No – 494chha, 549ka, 549ga, 549kha, 565, 549gha, Village: Khiwai, Block: Sarurpur, Tehsil: Sardhana, District: Meerut, U.P., M/s RCP Distilleries (India) Private Limited.
2. The Terms of Reference in the matter were issued by SEIAA, U.P. vide letter no. 365/Parya/SEIAA/7274/2022, dated 13/03/2023.
3. The baseline data and Public Hearing was exempted if the data not more than three years old as per MoEFCC, Govt. of India, O.M. No. IA3-22/10/2022-IA.III (E177258), dated 08/06/2022. Final EIA Report was submitted by the Project Proponent on 13/04/2023.
4. Salient features of the project as submitted by the project proponent:

S. No.	Particular	Detail			
1.	Nature & Size of the Project	Particulars	As per EC Capacity	Expansion Capacity	Total capacity after expansion
		Distillery Plant (Grain based)	50 KLD	30 KLD	80 KLD
		Co-generation Power Plant	2.0 MW	No Change	2.0 MW
2.	Category of the Project	As per EIA Notification dated 14 th Sep, 2006 and as amended from time to time, the project falls under Category “B”, Project or Activity ‘5(g)’			
3.	Topo sheet No.	53G/8, 53G/12			
4.	Area Details				
	Total Plant Area	Land area is 3.056 Ha (7.55 acres) as per EC, which is sufficient for proposed expansion so there is no change in project area.			
	Greenbelt / Plantation Area	1.008 Hectares (2.49 Acre) i.e., ~ 33% of the total plant area will be developed as greenbelt & plantation.			
5.	Environmental Setting Details (with 10 km approximate aerial distance & direction from plant site)				
i	Nearest Village	Khiwai village: 1.84 Km in South direction. Kheri Kalan village: 1.85 Km in EES direction.			
ii	Nearest Town & City	Khiwai: 1.84 Km in South direction. Sardhana village: 14.0 Km in East direction.			
iii	Nearest National Highway / State Highway	MDR 34 W (Sardhana-Binauli Road): 0.14 adjacent to factory in the South direction. SH-82: 7.52 Km in West direction.			
iv	Nearest Railway station	Baoli Railway Station is located 17.59 Km in West direction from the project site.			
v	Nearest Airport	Indira Gandhi International Airport is located 60.61 Km in SSW Direction from the project site.			
vi	National Parks, Reserved Forests (RF)/ Protected Forests (PF), Wildlife Sanctuaries, Biosphere Reserves, Tiger/ Elephant Reserves, Wildlife Corridors etc. within 10 km radius	Barnawa RF: 3.00 Km in WNW direction. Shahpur Banganga RF: 3.20 Km in NW direction. Khaprana RF: 3.43 Km in NNE direction. Tavelagarhi RF: 8.36 Km in North direction. Muzaffarpur Kanwar RF: 5.56 Km in NNE direction. Baparsi RF: 7.62 Km in NNE direction. Malhera RF: 8.25 Km in NNE direction. Kohanabad RF: 3.17 Km in NNW direction.			
vii.	Water Body (within 10 km radius	Hindon River: 0.90 Km in North direction.			
6	Cost Details				
	Total Cost of the Expansion Project by modernization & efficiency improvement	Project cost as per current EC : Rs. 65 Crores Cost for proposed expansion: Rs. 30 Crores for expansion only. Total Project cost after expansion: Rs 95 Crores.			
	Cost for Environment Management Plan	Capital cost for EMP - Rs 25 Crores (for proposed expansion) Recurring cost/annum – Rs.2 Crores /annum			
7.	Water Requirement (KLD)	As per EC Requirement (50 KLD)	Additional (30 KLD)	Total after proposed expansion (80 KLD)	
		Industrial requirement : 475 KLD (@ 9.5 KL/KL of products)	-	Industrial requirement: 475 KLD (@ 5.94 KL/KL of products)	
		Domestic Requirement : 15 KLD	-	Domestic Requirement : 15 KLD	
		Total water requirement : 490 KLD	-	Total water requirement : 490 KLD	

		Source: Ground water NOC has been already obtained. Fresh requirement will be reduced from 9.5 KL / KL of Product to 5.9 KL / KL of Product.		
8.	Waste Water Generation (KLD)			
	Spent wash	340 KLD @ 6.8 KL/KL of Product	204 KLD @ 6.8 KL/KL of Product	544 KLD @ 6.8 KL/KL of Product
	Other effluent	429 KLD	84 KLD	513 KLD
9.	Waste Water Discharge	Unit is based on Zero Liquid Discharge		
10.	Solid Waste Generation			
	Total Ash	6 MT/Day	No Change	6 MT/Day
	Yeast Sludge	10 MT/Day	No Change	10 MT/Day
	CPU Sludge	2 KLD	No Change	2 KLD
	DDGS	42 MT/Day	18 TPD	60 MT/Day
		Distillery as per EC (50 KLD)	Proposed Expansion (30 KLD)	Total after proposed expansion (80 KLD)
11.	Fuel requirement			
	Rice Husk / Biomass	302 TPD	No Change	302 TPD
12.	Steam requirement	14 TPH	3 TPH	17 TPH
13.	Number of boilers proposed	1 No. 18 TPH Biomass fired Boiler	No Change	1 No. 18 TPH Biomass fired Boiler
14.	Raw material and its Quantity	Grain, broken rice, etc.: 110 MT/Day	66 MT/Day	Grain, broken rice, etc.: 176 MT/Day
15.	Air Pollution Control Device	ESP shall be installed with 18 TPH Boiler along with stack of 60-meter height.	No Change	No Change ESP shall be installed with 18 TPH Boiler along with stack of 60-meter height
16.	Power Requirement (MW)	1.75 MW	0.25 MW	2.0 MW
		Source: 2.0 MW Co-generation Power Plants.		
17.	Man Power Requirement	100 persons (Permanent – 40 Nos, Contractual: 60 Nos)	No Change	No Change (100 persons (Permanent – 40 Nos, Contractual: 60 Nos)
18.	Product	Rectified Spirit /Extra Neutral Alcohol/Ethanol (AA) and Power		
19.	By Products (CO ₂)	35 TPD	21 TPD	56 TPD
20.	Working Days	365 days		

5. Plant capacity:

Unit	Product	As per EC	Proposed Addition	Total after expansion
Grain based distillery	Ethanol / Rectified Spirit (RS) / ENA	50 KLD	30 KLD	80 KLD
Co-generation power plant	Power	2.0 MW	-	2.0 MW (No change)
Working Days	365 Days / Annum			

6. Land use details:

Sr. No.	Land Use	Area in Sqm	Area in Percentage
1	Roof Top (Building, Covered Shed)	3056	10 %
2	Green Belt Area	10084.8	33 %
3	Road and paved	3056	10 %
4	Open Area	6753.76	22.1 %
5.	Plant and machinery	7609.44	24.9 %
Grand Total		30560.0	100 %

7. Raw material details:

Sr.	Particulars	Quantity MT/Day	Quantity MT/Day	Source & Mode of
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No.				transportation
A	Damaged Grain & Coarse Grain like Broken Rice, Jowar, Bajra, Maize, etc. which is not fit for human consumption	As per EC: 110 T/Day After Expansion: 176 T/Day	5000 MT Silos (02 Nos)	Local supplier via road
B	Chemicals			
1	Sodium Hydroxide (Caustic)	794 Kg/Month	1269 Kg/Month	Nearby market by truck. 30 Days storage will be provided after the proposed establishment.
2	Enzymes	2538 Lit/Month	4061 Lit/Month	
3	NH ₂ -CO-NH ₃ (Nutrient: 46% N ₂)	20.5 Kg/Month	32.8 Kg/Day	
4	Antifoam Agent	1029 Kg/Month	1646 Kg/Month	

8. Water requirement details:

3.7. Water Requirement Details				
S. No	Particular	Detail		
1.	Water requirement (KLD)	Existing Requirement (50 KLD)	Additional (30 KLD)	Total after proposed expansion (80 KLD)
		Industrial requirement = 475 KLD (@ 9.5 KL/KL of products)	-	Industrial requirement = 475 KLD (@ 5.94 KL/KL of products)
		Domestic Requirement =15 KLD	-	Domestic Requirement =15 KLD
		Total water requirement =490 KLD	-	Total water requirement =490 KLD
		Source: Ground water NOC has been already obtained. Fresh requirement will be reduced from 9.5 KL / KL of Product to 5.9 KL / KL of Product.		
2.	Waste Water Generation (KLD)			
3.	Spent wash	340 KLD @ 6.8 KL/KL of Product	204 KLD @ 6.8 KL/KL of Product	544 KLD @ 6.8 KL/KL of Product
	Other effluent	429 KLD	84 KLD	513 KLD
4.	Waste Water Discharge	Unit is based on Zero Liquid Discharge		

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

The consultant (EIA Coordinator) also submitted an affidavit dated 17/05/2023 mentioning is as follows:

1. I, Anubhav Singh, S/o Shri Bhupendra Pratap Singh is EIA Coordinator of M/s Environmental and Technical Research Centre.
2. I have prepared the EIA report for the Expansion of proposed Grain Based Ethanol Distillery Capacity from 50 KLD To 80 KLD along with 2.0 MW Co Gen Power at Khasra No – 494chha, 549ka, 549ga, 549kha, 565, 549gha, Village: Khiwai, Block: Sarurpur, Tehsil: Sardhana, District: Meerut, U.P., M/s RCP Distilleries (India) Private Limited with my team.
3. I have personally visited the site of proposal and certify that no construction activity has been undertaken on the project site for the present proposal.
4. I am satisfied with that all the necessary data/information submitted along with EIA application are true and correct.
5. I certify that this project proposal has been uploaded for the first time on Parivesh Portal.
6. I certify that there is no mismatch between information/data provided on the online application submitted on Parivash Portal and hard copy which is submitted after acceptance of application.
7. The EIA report for the Proposal will be prepared by my team as per guideline laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO-05

The committee discussed the matter and recommended grant of environmental clearance on the proposal as above alongwith standard environmental clearance conditions prescribed by MoEF&CC, GoI and following additional conditions:

Additional Conditions:

1. Project proponent is advised to explore the possibility and getting the cement in container rather through the plastic bag.
2. Project proponent should ensure that there will be no use of “Single use of Plastic” (SUP).
3. In compliance to Hon’ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs. GoI and others) anti-smog guns shall be installed to reduce dust during excavation.
4. The project proponent is directed to comply with the public hearing queries/questions and TOR conditions in a time bound manner as per action plan submitted by the proponent and submit compliance report regularly as per EIA notification.
5. The project proponent shall comply with the CPCB charter/guidelines and time to time direction for the distillery unit.

Standard environmental clearance conditions:

I. Statutory compliance:

1. 45 days 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 60 days for a record.
2. 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 purposes involved in the project.
3. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
4. 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).
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 authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
7. 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

II. 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 install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx 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. (case to case basis small plants: Manual; Large plants: Continuous).
3. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
4. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
5. 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.
6. 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.
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.
8. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.

III. Water quality monitoring and preservation:

1. For 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) and connected to SPCB and CPCB online servers.
2. 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. 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.
4. 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.
5. 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.
6. Industrial/trade effluent shall be segregated into High COD/TDS and Low COD/TDS effluent streams. High TDS/COD shall be passed through stripper followed by MEE and ATFD (agitated thin film drier). Low TDS effluent stream shall be treated in ETP and then passed through RO system.

7. 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.
- IV. 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 night time.
- V. Energy Conservation measures:**
1. The energy sources for lighting purposes shall preferably be LED based.
- VI. 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 :-
 - iii. Metering and control of quantities of active ingredients to minimize waste .
 - iv. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - v. Use of automated filling to minimize spillage.
 - vi. Use of Close Feed system into batch reactors.
 - vii. Venting equipment through vapour recovery system.
 - viii. Use of high pressure hoses for equipment clearing to reduce wastewater generation
- VII. Green Belt:**
1. 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.
- VIII. 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 PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
 3. 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.
 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, creche 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 and records maintained as per the Factories Act.
 6. 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
- IX. 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 report 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.

X. 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 environmental 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.
14. The Company in a time bound manner shall implement these conditions.
15. 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.
16. 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.
17. 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.

6. “Ordinary Soil Excavation” Project at Gata No.- 1581, 1583, 1578 & 1507, Village-Akrauli, Tehsil- Chandausi & District- Sambhal, Shri Phool Prakash, Area- 2.248 Ha., 7783/SIA/UP/MIN/426095/2023

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

1. The environmental clearance is sought for “Ordinary Soil Excavation” at Gata No.- 1581,1583, 1578 & 1507 in the Village- Akrauli, Tehsil- Chandausi District- Sambhal, Uttar Pradesh (Leased Area: 2.248 Ha.), M/s Hindustan Mint Herbals & Agro Products Pvt. Ltd.
2. Salient features of the project as submitted by the project proponent:

1.	On Line Proposal No.	SIA/UP/MIN/426095/2023
2.	File No. allotted by SEIAA,UP	7783
3.	Name of Proponent	Shri Phool Prakash S/o Shri Gyanendra Pal Hindustan Mint Herbals & Agro Products Pvt. Ltd.
4.	Full correspondence address of proponent and mobile no.	Mohalla- Barah Saini, Post Office-Chandausi & District-Sambhal, U.P.
5.	Name of Project	“Ordinary Soil Excavation” project named M/s Hindustan Mint Herbals & Agro Products Pvt. Ltd. Director Shri Phool Prakash at Gata No.- 1581,1583, 1578 & 1507 in the Village- Akrauli, Tehsil- Chandausi District-Sambhal, Uttar Pradesh Area: 2.248 Ha.
6.	Project Location(Plot.Khsra/Gata/Araji No.)	Gata No.-1581,1583,1578 & 1507
7.	Name of Village	Akrauli
8.	Tehsil	Chandausi

9.	District	Sambhal																																																															
10.	Name of Minor Mineral	Ordinary Soil																																																															
11.	Sanctioned Lease Area (in Ha.)	Area- 2.248 Ha																																																															
12.	Max. & Min mRL within lease area	202 mRL & 200 mRL																																																															
13.	Pillar Coordinates (Verified by DMO)	<table><tr><th colspan="3">GATA NO. 1581</th></tr><tr><th>Point</th><th>LATITUDE</th><th>LONGITUDE</th></tr><tr><td>A</td><td>28°31'30.45"N</td><td>78°46'35.30"E</td></tr><tr><td>B</td><td>28°31'29.47"N</td><td>78°46'36.62"E</td></tr><tr><td>C</td><td>28°31'26.13"N</td><td>78°46'33.72"E</td></tr><tr><td>D</td><td>28°31'27.23"N</td><td>78°46'32.29"E</td></tr><tr><th colspan="3">GATA NO. 1583</th></tr><tr><td>A</td><td>28°31'23.58"N</td><td>78°46'51.88"E</td></tr><tr><td>B</td><td>28°31'22.00"N</td><td>78°46'53.85"E</td></tr><tr><td>C</td><td>28°31'19.10"N</td><td>78°46'50.81"E</td></tr><tr><td>D</td><td>28°31'20.57"N</td><td>78°46'48.87"E</td></tr><tr><th colspan="3">GATA NO. 1507</th></tr><tr><td>A</td><td>28°31'24.39"N</td><td>78°46'42.77"E</td></tr><tr><td>B</td><td>28°31'23.15"N</td><td>78°46'44.27"E</td></tr><tr><td>C</td><td>28°31'21.21"N</td><td>78°46'42.16"E</td></tr><tr><td>D</td><td>28°31'22.31"N</td><td>78°46'40.75"E</td></tr><tr><th colspan="3">GATA NO. 1578</th></tr><tr><td>A</td><td>28°31'26.33"N</td><td>78°46'40.64"E</td></tr><tr><td>B</td><td>28°31'24.77"N</td><td>78°46'42.56"E</td></tr><tr><td>C</td><td>28°31'23.83"N</td><td>78°46'41.67"E</td></tr><tr><td>D</td><td>28°31'25.48"N</td><td>78°46'39.79"E</td></tr></table>	GATA NO. 1581			Point	LATITUDE	LONGITUDE	A	28°31'30.45"N	78°46'35.30"E	B	28°31'29.47"N	78°46'36.62"E	C	28°31'26.13"N	78°46'33.72"E	D	28°31'27.23"N	78°46'32.29"E	GATA NO. 1583			A	28°31'23.58"N	78°46'51.88"E	B	28°31'22.00"N	78°46'53.85"E	C	28°31'19.10"N	78°46'50.81"E	D	28°31'20.57"N	78°46'48.87"E	GATA NO. 1507			A	28°31'24.39"N	78°46'42.77"E	B	28°31'23.15"N	78°46'44.27"E	C	28°31'21.21"N	78°46'42.16"E	D	28°31'22.31"N	78°46'40.75"E	GATA NO. 1578			A	28°31'26.33"N	78°46'40.64"E	B	28°31'24.77"N	78°46'42.56"E	C	28°31'23.83"N	78°46'41.67"E	D	28°31'25.48"N	78°46'39.79"E
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14.	Total Geological Reserves	49456 m ³																																																															
15.	Total Mineable Reserves	40688.00 m ³																																																															
16.	Total Proposed Production	40688.00 m ³ /3 months																																																															
17.	Sanctioned Period of Mine lease	3 months																																																															
18.	Method of Mining	Open cast Manual/ Semi Mechanized Mining																																																															
19.	No. of working days	90 Days																																																															
20.	Working hours/day	8 Hours																																																															
21.	No. of worker	16 Workers																																																															
22.	No. of vehicles movement/day	50 Trucks / Day (Depending on market demand)																																																															
23.	Type of Land	Private land (Uneven Agricultural Land)																																																															
24.	Ultimate of Depth of Mining	2.2 m																																																															
25.	Nearest metalled road from site	1.00 Km																																																															
26.	Water Requirement	<table><tr><th>PURPOSE</th><th>REQUIREMENT (KLD)</th></tr><tr><td>Drinking</td><td>0.16 KLD</td></tr><tr><td>Suppression of dust</td><td>1.5 KLD</td></tr><tr><td>Plantation</td><td>0.05 KLD</td></tr><tr><td>Others (if any)</td><td></td></tr><tr><td>Total</td><td>1.71 KLD</td></tr></table>	PURPOSE	REQUIREMENT (KLD)	Drinking	0.16 KLD	Suppression of dust	1.5 KLD	Plantation	0.05 KLD	Others (if any)		Total	1.71 KLD																																																			
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27.	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult Certificate No- NABET/EIA/2023/SA 0174/Rev.01 Period of Validity- 2.8.2023																																																															
28.	Any litigation pending against the project or land in any court	No																																																															
29.	Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No- 468 Khanij/2022-23																																																															
30.	Proposed CER cost	Rs. 23.660 Thousand																																																															
31.	Proposed EMP cost	Rs. 1.63 Lakhs																																																															
32.	Proposed Total Project cost	Rs. 11.83 Lakhs																																																															
33.	Length and breadth of Haul Road	250 mt Length & 6m width haulage road																																																															
34.	No. of Trees to be Planted	25 Trees/Year																																																															

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

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

The consultant (EIA Coordinator) also submitted an affidavit dated 17/05/2023 mentioning is as follows:

1. I Umesh Pratap Singh Chauhan S/o Lt. Surya Pal Singh Chauhan is EIA Coordinator of M/s Ind Tech House Consult.
2. I have prepared EMP report for the project “Ordinary Soil Excavation” at Gata No.- 1581,1583, 1578 & 1507 in the Village- Akrauli, Tehsil- Chandausi District- Sambhal, Uttar Pradesh (Leased Area: 2.248 Ha.), M/s Hindustan Mint Herbals & Agro Products Pvt. Ltd. with my team.
3. I have personally visited the site of proposal and certify that no Mining activity has been undertaken on the project site for the present proposal.
4. I have satisfied with that all the necessary data/information required along with Application/EMP are true and correct.
5. I certify that this project proposal has not been previously uploaded on parivesh portal.
6. I certify that there will be no mismatch between information/data provided on the online application submitted on Parivesh Portal and the hard copy/presentation which will be submitted after acceptance of application.
7. The EMP report for the Proposal is prepared by my team as per guidelines laid down by QCI/NABET.

RESOLUTION AGAINST AGENDA NO. 06

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

7. **Advanced Pediatric Centre (Phase-01) In Existing SGPGI Hospital, District-Lucknow, Prof RK Dhiman., 7784/SIA/UP/INFRA2/425925/2023**

RESOLUTION AGAINST AGENDA NO. 07

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

8. **Ordinary Earth Excavation at Gata No. 358, 359 in village- Bastoi, Tehsil- Sikanda Rao, District- Hathras, Shri Indra Singh, Area- 1.012 Ha., 7787/SIA/UP/MIN/422939/2023**

RESOLUTION AGAINST AGENDA NO. 08

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

9. Cement Grinding Unit having 1200 TPD production capacity at Arazi no. 97, Village- Adhauli, Pargana- Athrawan, Tehsil- Manjhanpur, District- Kaushambi, Shri Shailcsh Kumar Yadav, M/s Ultrastone India Cement Private Limited., 7793/SIA/UP/IND1/426031/2023

RESOLUTION AGAINST AGENDA NO. 09

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

10. Expansion of Proposed Group Housing Project “R. G. Residency” at Plot No-GH-02, Sector-120, Noida, District- Gautam Buddha Nagar, Shri Himanshu Garg., 7436/6638/SIA/UP/INFRA2/410055/2022

RESOLUTION AGAINST AGENDA NO. 10

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

11. Building Stone (Khanda – Boulder/Gitti- Ballast) Mining project at Gata/Arazi No -996 Khand-1, Village-Gariya, Tehsil- Taalbehat& District-Lalitpur, Shri Swami Prasad, Area:1.618 Ha., 7638/SIA/UP/MIN/417841/2023

RESOLUTION AGAINST AGENDA NO. 11

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

12. Group Housing Project “Central Park Apartment” at Arazi No.: 2/3/2, Mauza: Rudra Panchmahal, Tubewell Road, Khati Baba, Jhansi, Shri Azad Ahmad Khan., File No. 7478/Proposal No. SIA/UP/INFRA2/411397/2022

RESOLUTION AGAINST AGENDA NO. 12

During the presentation the project proponent informed that 25% construction work for the project has already been undertaken without obtaining environmental clearance and project comes under violation category as per MoEFCC Notification dated 07/07/2021. The Secretariat informed the committee that the project proponent apply the project under category B-2 i.e. grant of environmental clearance whereas the project comes under violation category and project proponent apply for grant of terms of reference. Hence, the committee directed the project proponent to apply the project under violation category on Parivesh Portal and withdraw the above Proposal No. SIA/UP/INFRA2/411397/2022 on Parivesh Portal.

13. Discussion on Complain of Soil Mining Project Gata No : 453, 466, 314, 316 Ka, 317, 334 Ka, 315 Ka, 318 Ka, 333 Ga, 334 Kh, 336 Kh , Village- Angrasi, Tehsil & District-Sitapur, Shri Arvind Kumar, Area : 1.093 ha. File No. 7397/ Proposal No. SIA/UP/MIN/408021/2022

The Secretariat informed the committee that the above compliant letter taken by SEIAA in its 719th meeting dated 08/04/2023 wherein:

“SEIAA gone through the letter of Shri Ramu S/o Shri Govind Sitapur dated 24.01.2023 regarding the above subject and opined to refer the letter to DM, Sitapur and SEAC-1 for necessary action.”

As per the decision of SEIAA, the matter was listed in 752nd SEAC meeting dated 18/05/2023. The committee has gone through the compliant letter dated 24/01/2023 of Shri Ramu, S/o Shri Govind, R/o Village-Bhagwanpur, Post-Sahsapur, Tehsil & District-Sitapur and opined that the above compliant letter shared with project proponent & consultant with the direction to submit their point wise explanation on the issues raised in compliant letter and present before SEAC to explain the matter.

14. Dorma Kachhar and Shahpur Kachhar Morrum Mining Project on the riverbed of Yamuna River at Khasra/ Gata No.- 120 & 397 (Khand No.- 15/26 to 15/29) Village- Dorma Kachhar and Shahpur Kachhar, Tehsil- Manjhanpur, District-Kaushambi, Shri DurgeshSahu, Area – 20.0ha., File No. 7593/Proposal No. SIA/UP/MIN/416055/2023.

The Secretariat informed the committee that the above matter was taken by SEIAA in its 711th meeting dated 27/03/2023 wherein:

“SEIAA noted that SEAC has recommended to issue ToR. SEIAA gone through file and documents and found that in LOI submergence of the area in water is not mentioned and on the date of presentation validity of consultant had expired. Hence SEIAA opined to refer back the case to SEAC for review.”

As per the decision of SEIAA, the matter was listed in 752nd SEAC meeting dated 18/05/2023. The committee discussed the matter and directed the project proponent to submit the replies of query raised by SEIAA. The matter will be discussed after receipt of above information from project proponent.

(Dr. Brij Bihari Awasthi)
Member

(Umesh Chandra Sharma)
Member

(Dr. Ratan Kar)
Member

(Dr. Ajai Mishra)
Member

(Ashish Tiwari)
Member-Secretary, SEAC

(Rajive Kumar)
Chairman

Nodal, SEAC-1

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

Annexure-1

General and Specific Conditions for Soil Earth Mining Projects:-

General condition:

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

Specific Conditions:

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

20. Personnel exposure monitoring for respirable mineral dust shall be carried out for the workers and records maintained including health records of the workers. Awareness program for workers on impact of mining on their health and precautionary measures like use of personal protective equipments etc. shall be carried out periodically. First aid facilities and adequate sanitary facility in the form of temporary toilets/septic tanks.
21. Solid waste material vizguthka 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.