Minutes of 537th SEAC Meeting Dated 07/04/2021

The 537th meeting of SEAC was held through video conferencing in view of the Corona Virus Disease (Covid-19) on 07/04/2021. Following members were participate in the online meeting:

1.	Dr. S.N. Singh,	Chairman
2.	Dr. Sarita Sinha,	Member
3.	Dr. Virendra Misra,	Member
4.	Dr. Pramod Kumar Mishra,	Member
5.	Dr. Ranjeet Kumar Dalela,	Member
6.	Dr. Ajoy Kumar Mandal,	Member
7.	Mr. Rajive Kumar,	Member
8.	Mr. Meraj Uddin,	Member

The Chairman welcomed the members to the 537th SEAC meeting which was conducted online. The SEAC unanimously took following decisions on the agenda points discussed:

1. Expansion of Integrated Paint Plant at Khasra No.-735, 718, 720, 721, 719, 722, & 723, Village- Vishunpur, Post- Choubeypur- Bithoor Road, Kanpur., Shri Promod Kumar Khanna, M/s P.R. Coatings Pvt. Ltd. File No. 6208/5368/Proposal No. SIA/UP/IND2/60240/2020

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

1. The Environment clearance is sought for Expansion of Integrated Paint Plant at Khasra No.-735, 718, 720, 721, 719, 722, & 723, Village- Vishunpur, Post- Choubeypur- Bithoor Road, Kanpur, U.P., M/s P.R. Coatings Pvt. Ltd.
2. The Existing Capacity of the project is - 10500 KL/month and after Expansion Capacity - 18000 KL/month of paint (WT & ST of various types) and 2000 MT/month of Resin.
3. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 14/Parya/SEIAA/5368/2019, dated 08/05/2020.
4. Public hearing organized on 26/09/2020. Final EIA report submitted by the project proponent on 18/02/2021.
5. Salient features of the project:

S.No.	Attributes	Details
1	Area of plant	Existing Area = 1.9371 ha Area for Expansion = 0.856 ha Total Area = 2.7931 Ha
2	Capacity	The Existing Capacity of the project is - 10500 KL/month and after Expansion Capacity - 18000 KL/month of paint (WT & ST of various types) and 2000 MT/month of Resin.
3	Manpower Requirement	40 employees (Existing) 25 employees (Expansion) Total = 65
4	Power Requirement	500 kVA
5	Total Water Requirement	91.5 m^3/day

6	Source of water	Groundwater
7	Waste water generation	10. 0 m^3/day
8	Domestic water requirement	1.5 m^3/day
9	ETP Capacity	10.0 m^3/day
10	DG Set Capacity	600 kVA

6. Proposed production details after expansion:

S. No	Name of the Product	Unit	Proposed Production
1	Water-based Primer / Paint	KL/Month	5200
2	Solvent-based white primer Distemper	KL/Month	2500
3	Red Oxide Primers	KL/Month	1000
4	Enamels – Retail Pack	KL/Month	2000
5	Enamels – Small Pack	KL/Month	1300
6	Distemper	KL/Month	4500
7	Strainers	KL/Month	800
8	Resins	KL/Month	2000
9	Thinner	KL/Month	500
10	Aluminium Paint	KL/Month	200

7. Land use details:

Land use details	Area m2
Green belt area (33%)	9217.23
Open land	3245.15
Road/paved area	6248.24
Rooftop area of building /sheds	9220.38
Total	27931.00

8. Raw materials details:

S. No	Name of Raw Material	TLV (ACGIH)	Nature	Manufactured/Procured from
1	Calcium Octoate 3%	Not listed ppm Not listed mg/cu. m	Strong oxidizing agents	Sunflag Chemicals P. Ltd, New Delhi
2	Castor Oil Commercial	NA	Polymerizes on exposure to air	---
3	Cobalt Octoate 5%	NA		Narchem Industries, Panchpakhadi 400602, Maharashtra
4	Dipentene	The product is stable	Liquid. colorless to light yellow liquid with a pleasant lemon-like odor	Swati menthol & allied chemicals ltd, Rampur, Uttar Pradesh - 244901
5	Dolomite 500#	NA	Mixture of Ca & Mg carbonate	Usha Microns Pvt.Ltd, Udaipur-313004
6	Mineral Turpentine Oil	100 ppm	Strong oxidising agents such as pure oxygen and liquid	--
7	Mixed Xylene/Xylol	100 ppm	Reacts vigorously with most oxidising materials	Reliance Industries Limited, Dist. Surat, Guj.
8	Phth.Blue 2661/Sudafast Blue 2661C051	--	Non - Reactive	Sudarshan Chemical Ind Ltd, Pune 411001
9	Phthalic Anhydride	1 ppm	Strong Oxidisers	Asian Paints-Phthalic Divisn, Goregaon 400062
10	Sorbitol	--	Under normal conditions of storage and use, reactions will	Gulshan Polyols ltd Santacruz (west)

			not occur	Mumbai - 400054
11	Sayabean Oil	--	Polymerizes on exposure to air	M P Dyechem Ind., Industrial Area Indore 452003
12	Soya Lecithin	--	Non reactive in general sense	--
13	Steatite 500 mesh	--	Stable	Jai Vardhan Khaniz P. Ltd, Amberi, Udaipur
14	Syn.Red Oxide SR20	--	Stable	The Tata Pigments Ltd, Kolkata 700071
15	Titanium Dioxide Rut.Tiona 128	10 ppm	None reasonable foreseeable	Dupont Titanium Technologies, Willmington, DE 19898
16	Titanium Dioxide R902 Plus	10 ppm	Stable	Kerala Minerals ANd Metals Ltd, Kerala 691583

9. Water requirement details:

S. No	Description	Water consumption (m3/day)
1	Industrial Activity	90.0
2	Residential /Domestic	1.5
Ground Water Requirement		91.5
Waste water generation will be 10.0 m3/day, which will be treated in ETP of capacity 10 KLD. Recycled water will be reuse in Greenbelt Development /Environment Maintenance.		

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

RESOLUTION AGAINST AGENDA NO-01

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

I. **Statutory compliance:**

1. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
2. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
3. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule species in the study area).
4. The project proponent shall obtain Consent to Establish/ Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
5. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
6. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, I 989 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 monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
3. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2s in reference to PM emission, and SO2 and 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.
4. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and /or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
5. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
6. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July , 2010 and amended from time to time shall be followed.
7. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.

III. **Water quality monitoring and preservation:**

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

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 nighttime

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:-
    a. Metering and control of quantities of active ingredients to minimize waste.
    b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
    c. Use of automated filling to minimize spillage.
    d. Use of Close Feed system into batch reactors.
    e. Venting equipment through vapour recovery system.
    f. Use of high pressure hoses for equipment clearing to reduce wastewater generation

VII. **Green Belt:**

1. The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.

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 unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
3. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
4. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
5. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cookin g, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
6. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
7. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places

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 approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements /deviation /violation of the environmental / forest /wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation/ violation of the environmental/ forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.

3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry /Regional Office along with the Six Monthly Compliance Report.
5. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

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 environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
5. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
6. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
7. The project proponent shall inform the Regional Office as well as the Min is try, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
8. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
9. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
10. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
11. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
12. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
13. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.

14. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
15. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
16. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

2. Group Housing "Excella Kutumb" at Khasra No.- 2678/1, 2688/2, 2692/1, 2695/1, 2677, 2693, 2694, 2677, 2833/2, 2834, 2837 Sa, 2677, Village- Bakkas, Tehsil- Mohanlalganj, Lucknow, U.P., Shri Kishori Lal Goel, M/s ABC Infra promoters Pvt. Ltd. File No. 6210/Proposal No. SIA/UP/MIS/199015/2021

RESOLUTION AGAINST AGENDA NO-02

The project proponent did not circulate the documents to the members of SEAC on time. Hence, the committee directed to defer the matter from the agenda. The matter shall be discussed after submission of online request on prescribed portal.

3. Shipora Cement Plant at Plot No.- 170/1 & 170m, Village- Khor Near Industrail Area Amanwan Road, Raebareli., Shri Mukes Kumar Gupta, M/s Shipora Cement Works Pvt. Ltd. File No. 6214/Proposal No. SIA/UP/IND/61010/2021

RESOLUTION AGAINST AGENDA NO-03

The project proponent did not appear and also not circulated the documents to the members of SEAC in stipulated time. Hence, the committee directed to defer the matter from the agenda. The matter shall be discussed after submission of online request on prescribed portal.

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

The committee noted that the matter was earlier discussed in 523rd SEAC meeting dated 09/02/2021 and directed as follows:

> "The committee discussed the letter dated 22/11/2020 of Shri Suresh Chand Yadav, Legal Officer, Common Bio Medical Waste Facility Operators Association and opined that the complaint letter should be sent to CMO, Saharanpur for providing the factual report regarding feasibility/requirement of Common Biomedical Waste Treatment Facility at the proposed site. Both TOR (File No. 5694 & 5507) should be kept in abeyance unless the clarification is not obtained."

The SEIAA in its 452nd meeting dated 25/02/2021 agreed with the recommendation of SEAC. In reference to SEAC minutes of meeting dated 09/02/2021 COM, Saharanpur has submitted their replies

vide letter no. ST/V/2021/2222, dated 19/03/2021. The committee went through the CMO, Saharanpur letter dated 19/03/2021 and observed that the nearest CBWFT is located in District, Meerut and the aerial distance between Meerut and Saharanpur CBWFT is approx. 90 km and via road the distance approx. 128 km.

In the light of above facts, the committee withdraw their decision in the meeting dated 09/02/2021 to kept the both projects M/s Common Biomedical Waste Treatment Facility at Khasra No.- 433, Gram-Ambehta Chand, Tehsil-Rampur Maniharan, Saharanpur, U.P., M/s Greenlee Environmental Solutions (File No. 5507) and Bio-Medical Waste Treatment Facility at Gata No. 256, Village-Dhollaheri, Post- Chilkana, Chilkana Gandewar Road, District- Saharanpur, U.P. M/s Nature Clean Bio-Medical Waste Management (File No. 5694) in abeyance.

The project proponent submitted their EIA report on 23/02/2021. Hence, the matter was listed in 537th SEAC meeting dated 07/04/2021. A presentation was made by project proponent along with their consultant M/s Shivalik Solid Waste Management Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

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

RESOLUTION AGAINST AGENDA NO-04

The committee discussed the matter and directed the project proponent to submit following information:

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

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

5. Establishment of standalone clinker grinding unit with cement production of 200 TPD (60000 TPA) at Plot No.- E-7, UPSIDE, Shidhwan Industrial Area, District- Jaunpur, U.P, Shri Faiyaz Ali Siddique, M/s Diamond Industries. File No. 4866/Proposal No. SIA/UP/IND/37699/2019

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

1. The Environment clearance is sought for Establishment of standalone clinker grinding unit with cement production of 200 TPD (60000 TPA) at Plot No.- E-7, UPSIDE, Shidhwan Industrial Area, District- Jaunpur, U.P, M/s Diamond Industries.

2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 222/Parya/SEAC/4866/2018, dated 21/08/2019.
3. Public hearing organized on 16/12/2020. Final EIA report submitted by the project proponent on 01/03/2021.
4. Total area of proposed land: 0.121406 Hectare or 0.30 Acre.
5. Salient features of the project:

Sr. No.	Attributes	Clinker Grinding Unit
1	Proposed capacity of Plant	60000 TPA (200 TPD) Product : Cement: 60000 TPA (200 TPD)
2	Total project area	0.121406 Ha (0.30 Acre)
3	Total project cost	246.50 Lakhs
4	No of working days	300 Days /Annum
5	Raw material and its Quantity	Clinker : 110 TPD Gypsum : 10 TPD Fly Ash : 80 TPD
6	Fuel Requirement	Diesel Approx. 20 Lit/hr (For DG Set, Power Beck-up)
7	Fresh Water Requirement	Process cooling: 3 KLD Dust Suppression: 4 KLD Green Belt: 1 KLD Drinking: 2 KLD Total water requirement : 10 KLD
8	Man Power Requirement	Total manpower requirement during the operational phase is estimated to be about 20 including contract labour approx.: 10 required for auxiliary services like loading of cement bags, unloading of stores and miscellaneous materials and general cleaning work and security.
9	Power Requirement	The power requirement for the proposed cement (clinker) grinding unit will be about 200 KVA. Power will be sourced from Uttar Pradesh Power Corporation Ltd. (UPPCL). For backup DG sets will be provided. 01 no of DG set of Capacity 20 KVA will be provided.
10	Water Requirement	Total water requirement : 11 KLD (Including recycled water) Sources : Bore well at the site.
11	Waste Water Generation	No waste water will be generated from the proposed plant.
12	Domestic Water Requirement	Water requirement : 02 KLD
13	Air Pollution Control Equipment	All major sources of Air pollution will be provided with Bag filters to maintain PM emissions below permissible limits (i.e. < 30.0 mg/Nm3).
14	Details of Air Pollution Control Equipment	03 Bag filters (having total number 168 Nos bag) at different locations to control the fugitive source of Emissions.

6. Land use details:

LAND USE TYPE	Area in sqm	%
Roof Top	445.1542	37.00
Open Space	161.8743	13.00
Green Belt Area	400.6149	33.00
Road & Paved	206.3413	17.00
Total Plot area	1214.00	100

7. Raw material details:

S.N.	Particular	Raw Material (Daily Requirements)	Source of raw material & Mode of Transportation
1.	Clinker	110 TPD	MP & Rajasthan
2.	Gypsum	10 TPD	Rajasthan
3.	Fly ash	80 TPD	Nearby Thermal Power Plant

8. Water requirement details:

Project Activity	Total Water Requirement	Consume/ Losses	Remarks

Dust Suppression	4 KLD	4 KLD	The total water requirement for the proposed cement grinding unit will be 11 KLD which will be sourced from proposed bore well and recycled water.
Industrial Cooling	3 KLD	2 KLD	
Domestic	2 KLD	1.4 KLD	
Green Belt	2 KLD	2 KLD	
Total	10 KLD	9.4 KLD	
Source of Water	Ground Water through Bore Well	Ground Water (Application submitted in GWD Uttar Pradesh and it is under process)	

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

RESOLUTION AGAINST AGENDA NO-05

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with following 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. PM_{10} and PM_2.s in reference to PM emission, SO_2 and NOx in reference to SO_2 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).

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 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 approve 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 I 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; PM_{10}, SO_2, 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.

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. ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP repo rt, 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.

6. Up gradation of Existing District Hospital at Village- Dubeypur, Tehsil- Sadar, Sultanpur., Dr. S.C. Kaushal, CMS, District Hospital Sultanpur. File No. 6223/Proposal No. SIA/UP/MIS/201759/2021

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

1. The Environment clearance is sought for up gradation of Existing District Hospital at Village-Dubeypur, Tehsil- Sadar, Sultanpur, U.P., M/s Department of Medical Education, Uttar Pradesh.
2. Salient features of the project:

S.NO.	PARTICULARS	PROPOSED
1.	Net Plot Area	29,177.86 m^2 (7.21Acres)
2.	Proposed FAR	36,358.50m^2 (Existing – 12,605.31m^2 + Expansion – 23,753.19 m^2)
3	Proposed Ground Coverage	12,744.27m^2 (Existing – 7,109.01m^2 + Expansion – 5,635.26 m^2)
4.	Total Built Up Area	43,002.67m^2 (Existing – 12,605.31m^2 + Expansion – 30,397.36 m^2)
5.	Maximum No. Of Floors	G+7thfloor (Senior Residence Building)
6.	Total No. Of Beds	420 Bedded [Existing - 210+ Expansion - 210]
7.	Expected Population (Existing + Expansion)	7,128
8.	Total Water Requirement and fresh water Requirement for (Existing +Expansion)	Total water Requirement for [Existing +Expansion] - 471KLD & Total Fresh water requirement – 288 KLD For Existing - (Hospital Block) Water Requirement - 198KLD Fresh water-139KLD For Expansion- (Hospital + Residential Block) Water Requirement - 273KLD Fresh water-149KLD
10.	Total Recycled Water for (Existing +Expansion)	332 KLD
11.	STP Capacity & Technology for (Existing +Expansion)	STP- 400KLD; MBR ETP - 100 KLD
12.	Total Power Requirement & Source	1100 KW; Power is available at 11 KV from Uttar Pradesh State Electrical Board.
13.	Power Backup DG Sets Capacity	DG Sets 2*750kVA for each
14.	Rainwater Harvesting	7 (1Pits/Acre)
15.	Total Parking Proposed	358 ECS
16.	Total Solid Waste Generation for (Existing + Expansion)	1,790kg/day Bio medical waste generation - 630 kg/day Municipal Waste generation - 1,160kg/day

17.	Project Cost	Rs. 145.05 Crores
18.	Energy Conservation Percentage	9.1%
19.	Maximum Height of the building	29.6 mtrs (Hospital)

3. Comparative details of existing and expansion:

S. N.	Particulars	Existing	Expansion	Existing + Expansion	Area m²/%
1.	STP	-	400 KLD	400 KLD	401
2.	ETP	-	100KLD	100KLD	
3.	RWH Pits	-	7	7	-
5.	Radioactive Waste Management		Proposed at the site	Proposed at the site	-
6.	Total Solid Waste Bio Medical Waste Municipal Solid Waste	315kg/day 549 kg/day	315kg/day 611 kg/day	630 kg/day 1,160 kg/day	150.00
7.	Renewable Energy	-	100 KW	100 KW	9.1%

4. Area details of the project:

S. No.	Particulars	Existing Area (m^2)	Expansion Area (m^2)	Total Area (m^2)	%Age
1.	Plot Area as per land Allotment			29,177.86 (7.21 Acres)	100
2.	Permissible Ground Coverage (@35% of NPA)			10,212.00	
3.	Proposed Ground Coverage (@43.68% of NPA)	7,109.01 (24.36%)	5,635.26 (19.31%)	12,744.27	19
4.	Permissible FAR (@ 1.50 of NPA)			43,767.00	
5.	Proposed FAR (@ 1.25 of NPA)	12,605.31	23,753.19	36,358.50	
6.	Non FAR Area	-	6,644.17	647.21	
7.	Built Up Area	12,605.31	30,397.36	43,002.67	
8.	Net Open Area (NOA)			23,542.60	81
9.	Landscape Area (@ 28.03% of NOA)			6,600.00	20.56
	Maximum Height of the (Hospital Building)			29.6mt	

5. Water requirement for the expansion project:

S. No.	Description	Total Population/Area in (m^2)	Unit water Consumption (LPCD)	Total Water Requirement (KLD)
1.	Main Uses (Domestic)			
	IPD (Patient, attendants, visitors, staff etc.)	210	450	95
	OPD	2500	15	38
	Laundry	3.5 kg/bed	25lt/bed/day	18.37
	Kitchen	(1500 meals)	15liters	22.5
	Clinical water		20lt/bed/day	4.2
	Labs, Operation & Labour Rooms etc.			10
	Autopsy			10
	Residents	144	86	12.38
	Staff	29	45	1.305
	Visitors	115	15	1.725
	WATER CONSUMPTION OF MAIN USES			213.48 SAY 213KLD
2.	Other Uses			
	Horticulture/landscape	6,600.00 m^2	3ltrs/m^2	19.8 say 20
	HVAC	192.44 TR	10lt/TR/hr(10hr)	19.24 Say 19
	DG cooling	2*750 kVA	0.9ltrs/kVA/hr	10.8 say 11
	Filter backwash			10

	TOTAL WATER DEMAND CALCULATED (1+2)	273.32 Say 273KLD

6. Solid waste generation details:

TOTAL BIO MEDICAL WASTE GENERATION	630 KG/DAY
Non-hazardous in Nature (@85%)	approx. 535.5kg/day
Infectious in Nature (@10%)	approx. 63kg/day
Non-Infectious but hazardous in nature (@5%)	approx. 31.5kg/day
TOTAL MUNICIPAL WASTE GENERATION	1,160 KG/DAY
Biodegradable waste	approx.696 kg/day
Non-Bio degradable waste	approx.348kg/day
Inert waste	approx.116kg/day

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

RESOLUTION AGAINST AGENDA NO-06

The committee discussed the matter and recommended grant of environmental clearance for the project proposals alongwith general conditions as earlier prescribed by authority for construction project and following specific conditions:

1. Emergency exit should be provided.
2. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
3. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and industrial effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
4. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
5. Parking space for ambulances shall be exclusively earmarked.
6. Police post shall be provided near emergency.
7. Dedicated power supply to be installed in Operation Theaters and other critical areas
8. Accommodation for attendants to be provided near indoor nursing wards.
9. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
10. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
11. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
12. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
13. 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 and First Aid Room etc.
14. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
15. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.

16. Bio medical waste management shall be followed as per The Bio-Medical Waste (Management and Handling) Rules, 2016. Special attention to be given for Mercury waste management and disposal. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
17. Necessary permissions should be sought for use and safe disposal of radioactive materials. Procedural protocol prescribed by competent authority should be followed for the same.
18. Sewage/other effluents from infectious diseases ward and pathology/laboratory should be treated/disinfected separately prior to ETP.
19. A 2% of the total project cost Corporate Environmental Responsibility (CER) plan along with budgetary provision shall be prepared phase wise and approved by Board of Directors of the company. A copy of resolution as above shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted alongwith photographs. No parking shall be allowed outside the project boundary.
20. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
21. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
22. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
23. Disposal of muck during construction phase should 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.
24. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
25. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.

7. Construction of Government Medical College at Village- Dubeypur, Tehsil- Sadar, Sultanpur., Dr. S.C. Kaushal, CMS, District Hospital Sultanpur, U.P. File No. 6224/Proposal No. SIA/UP/MIS/201721/2021

RESOLUTION AGAINST AGENDA NO-07

The Secretariat informed the committee that the project proponent have withdrawn the above environmental clearance application. Hence, the committee directed to close the file no. 6224.

8. Establishment of New Molasses/Cane Juice/ Grain based Distillery having Capacity:100 KLD along with 4.5 MW co-gen power at Plot No.-A, UPSIDA, Usar Bazar, Tehsil- Rudrapur, Deoria., Shri Manish Kedia, M/s Forever Distillery Pvt. Ltd. File No. 5948/Proposal No. SIA/UP/IND/57557/2020

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

1. The Environment clearance is sought for Establishment of New Molasses/Cane Juice/ Grain based Distillery having Capacity:100 KLD along with 4.5 MW co-gen power at Plot No.-A, UPSIDA, Usar Bazar, Tehsil- Rudrapur, Deoria., M/s Forever Distillery Pvt. Ltd.
2. The terms of reference in the matter were issued 18/11/2020.
3. Public hearing organized on 26/02/2021. Final EIA report submitted by the project proponent on 05/03/2021.
4. Land use details:

Sr No	Land use	Area (sqm)	Area in %
1	Roof Top	12,720	12
2	Green Belt	37,100	35
3	Road and Paved	15,900	15
4	Open area	40,280	38
	Grand Total	1,06,000	100

5. Salient features of the project:

Particulars	Details
Description of the project	Proposed 100 KLD (Molasses / Cane Juice or Grain) based Distillery along with 4.5 MW co - generation power plant. Plant will run on two modes : Mode 1 – Molasses/Cane Juice based Plant Mode 2 – Grain based Plant # Industry will run on only one mode at a time.
Plot area	10.60 Hectares (26.182 acres)
% of greenbelt provided	33% (3.50 Hectare) of the total project area will be covered under greenbelt & plantation.
Land use change required	Existing Land use of proposed site is industrial under UPSIDA, as the land is already under the possession of M/s Forever Distillery Private Limited.
Sources of Air + Noise pollution	Air: Stack emissions: Slop bagasse fired boiler (35 TPH), Fugitive emissions: Handling & transportation of Raw material, fuel, fly ash, Noise: Exhaust fans, compressors, pumps, motors, boiler turbine.
Estimated project cost	Rs. 17212.36 Lakhs
EMP Cost	Capital Cost: Rs. 4350 Lakhs or Rs. 43.50 Crore Recurring Cost: Rs. 4.35 Crore/ annum.
Manpower	330 persons
Details of environment officers with qualifications	The environment officers will be appointed after installation of distillery unit with adequate qualifications. (M.Sc./M.Tech Environment).
Number of Operation days	365 Days / Annum
Water consumption/day	Mode 1: For Distillery : 1000 KLD (@ 10 KL/KL of Product), Mode 2: For Distillery : 950 KLD (@ 9.5 KL/KL of Product) # Domestic water requirement will be 20 KLD.
Source of water	Ground water
Permission from CGWA or any other agency	NOC for ground water abstraction has been obtained from Ground Water Department, Uttar Pradesh.
Energy consumption	Total power requirement for the proposed project will be 2124 KWH. Source : 4.5 MW Co-Generation Power Plant

	For Emergency power backup : (DG Sets 2 x 1000 KVA)	
	Mode – 1 (Molasses/Cane Juice based Plant)	Mode – 2 (Grain based Plant)
Kind of fuel used	Bagasse / Other biomass / Coal + Slop	Only Bagasse / Other biomass / Coal
Quantity of fuel used	SLOP : 265 KLD + Bagasse : 113 TPD	Bagasse : 378 TPD
	In case of non availability of Bagasse / other biomass, coal will be used as fuel, the quantity will be 96 tonnes per day based on molasses / sugarcane juice and grain based on 210 tonnes per day respectively.	
Waste water generated/day	Spent wash : 750 KLD Other effluent : 1024 KLD (it includes Lees, DM Reject, Boiler & CT blow Down, Floor washing etc)	Spent Wash : 680 KLD Other effluent : 671 KLD (it includes Lees, DM Reject, Boiler & CT blow Down, Floor washing etc)
Treatment facility with capacity	Spent wash will be concentrated in Multi effect evaporator then concentrated from MEE will be incinerate in Slop fired boiler of capacity 35 TPH.	Spent wash generated from molasses operation (750 KLD) will be concentrated in Multi effect evaporator then concentrated from MEE will be incinerate in Slop fired boiler of capacity 35 TPH. Spent wash generated from grain based operation (680 KLD) will be fed into the decanter for solid separation then concentrated in MEE, then concentrate from MEE will be mixed with wet cake of decanter and converted to DDGS which will be sold as cattle feed .
Mode of discharge	Zero Liquid Discharge	

6. Water requirement details:

SL	Particulars	Fresh water requirement (KLD)	Remark
1	100 KLD Molasses / Cane Juice based operation (Mode - I)	1000 KLD (@ 10 KL/KL of product) (Net fresh water requirement after recycling)	Maximum water requirement of water in day will be 1000 KL as plant would be run either on Mode I & Mode II. Source: Ground water. Unit obtained NOC from GWD for proposed abstraction of water.
	OR		
	100 KLD Grain based operation (Mode - II)	950 KLD (@ 9.5 KL/KL of product) (Net fresh water requirement after recycling)	
AND			
2	Domestic water requirement	20.0 KLD	

- During 100 % molasses / Cane Juice based operation (Mode - I): Water requirement for first run would be 2109 KLD. Fresh water requirement will be reduced through recycling of 1109 KLD of treated water/ Condensates. Fresh Water requirement will be 1000 KLD.

- During 100 % Grain based operation (Mode – II): Water requirement for first run would be 1895 KLD. Fresh water requirement will be reduced through recycling of 945 KLD of treated water/ condensates. Fresh water requirement will be 950 KLD.

7. Raw material details:

Sr No	Particular	Quantity, MT/Day	Storage	Source of raw material & Mode of Transportation
Mode - 1 Molasses Based / Cane Juice based				
1.a	Molasses	446 MT/Day	30 Days	Nearby sugar mill. Tanker will be used for molasses

				transport.
OR				
1.b	Cane Juice	1200 TPD	-	Nearby sugar mills.
Or				
Mode – 2, Grain Based				
1.c	Grain	220 MT/Day	30 Days	Nearby market and truck will be used for transportation.
2.	Other Chemicals			
	Sulphuric Acid	65 kg/Day	15 Days	Nearby Market by Truck. 15 Days storage will be provided.
	Sodium Hydrooxide (Caustic)	10 Kg/Day	15 Days	
	Enzymes	8 kg/Day	15 Days	
	NH_2-CO– NH_3 (Nutrient : 46% N_2	15 kg/Day	15 Days	
	Antifoam Agent	125 kg/Day	15 Days	

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

RESOLUTION AGAINST AGENDA NO-08

The committee discussed the matter and recommended grant of environmental clearance for the project proposal along with following general and specific 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 purpose 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.s 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 direct ions. (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 /fugit ive 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 produc ts, 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 approve 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 /wildli fe norms / conditions. The company shall have defined system of reporting infringements / deviation/ violation of the environmental/ forest / wildlife norms I 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 lev el, with qualified personnel shall be set up under the control of senior Executive , who will directly to the head of the organization.
4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
5. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

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 environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.

5. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
6. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
7. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
8. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
9. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
10. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
11. Concealing factual data or submission of false /fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
12. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
13. The Ministry reserves the right to stipulate additional conditions if found necessary.
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.

9. Proposed of Institutional Building at Plot No.-A-09, Sector-132, Noida, U.P., M/s Wellgrow Infotech Pvt. Ltd. File No. 6242/Proposal No. SIA/UP/MIS/204856/2021

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

1. The Environment clearance is sought for Institutional Building at Plot No.-A-09, Sector-132, Noida, U.P., M/s Wellgrow Infotech Pvt.
2. Salient features of the project:

Proposed Institutional Building Project at Plot NoPlot A-09 Sector -132, Noida Uttar Pradesh- 201305	
Building Details Tower A -Total 6 Floor (2B+Stilt+G+5) Tower B - Total 11 Floor (2B+Stilt+G+10) Tower C - Total 11 Floor (2B+Stilt+G+10)	Parking required as per Noida bye laws Total parking required = 1216 ECS Total Proposed Parking = 2335 ECS
Total Plot Area = 40,508.00 m^2 Built-up Area = (FAR +Non FAR): 131886.984 m^2	Number of trees proposed for plantation = 334
Investment = Rs. 195 Crores	Total Water Demand = 971 KLD Freshwater Requirement =660 KLD (281 KLD for domestic water requirement and 379 KLD for HVAC Cooling water requirement)
Total Green Area /landscape Area (53.37% of Open Area)= 17819.544 Sqm Total Greenbelt Area (15 % of Total Plot Area)-6076.20Sqm Total Loan Area-11743.344 Sqm	Total waste water generation = 334 KLD
FAB Technology	STP Capacity = 400KLD
Power Requirement = 4008 KW DG Sets = 6750 KVA (3x1500 KVA+2 x1000 KVA+1 x250 KVA)	Total rain water Harvesting pits = 6
Solid waste: 1460 5kg / day, Sludge: 20 cu.m./day	Internal Road Width = 6/9 mtr wide
Total Proposed Excavation of soil = 49443.394 m^3	

3. Area details of the project:

S. No.	Particulars	Area in Sq. m.
1	Total Plot Area	40508.00
2	Total Permissible FAR @1.5	60762.00
3	Total FAR Proposed	57292.045
4	Permissible Ground coverage @30%	12152.40
5	Proposed Ground coverage @17.58%	7123.216
6	Open Area (Total Plot Area – Proposed Ground Coverage)	33384.784
7	Non-FAR Area A. Basement-1 B. Basement-2 Stilt Area Total NON-FAR AREA	4839.889 29828.594 31751.506 66419.989
8	Perm. 15% of FAR Area for Institutional & Residential Facilities	9114.30
9	Achieved 15% of FAR area for Institutional & Residential facilities	8174.95
10	Total Built-up Area (S. No. 3 +7+ 9)	131886.984
11	Proposed Greenbelt Area (@53.37% of Open Area) Total Greenbelt Area (15 % of Total Plot Area) Total Loan Area	17819.544 6076.20 11743.344
12	Proposed Building Height Tower A Tower B	23.85 m 47.05 m 47.05 m

	Tower C	

4. Parking details:

	PROPOSED PARKING DETAILS			
PARTICULARS	Total Basement AREA (Sq. m.)	Parking Area (Sq. m.)	AREA (Sq. m.) Proposed for ECS	TOTAL NO. OF CAR PARKING PROPOSED
Basement-1	31825.00	30919.536	30	1030.65
Basement-2	31825.00	28996.624	30	966.554
Stilt Area Tower B + Tower C	3210.310 + 1629.579=4839.889	--	30	161.329
Surface Area P1+P2+P3	862.40+1699.47+ 974.82 =3536.69	--	20	176.8
	TOTAL			2335.33 or say 2335 ECS

5. Water requirement details:

S. No.	Description	Total Population /area (m^2)	Unit Water Consumption (lpcd)	Total Water Requirement (KLD)
	MAIN USES			
A.	TOWER BLOCK			
	Tower A (Institutional & Residential facilities)	1200	135	162
	Tower (B+C)	4827	45	217.2
	Staff @5% of Total Population	302	45	13.59
	Visitors @10% of Total Population	603	15	9.0
	Domestic water demand			401.83 or say 402
B.	OTHER USES			
	Landscape Area	17819.544	3 l/m2	53.45 or say 53.0
	AC Plant (4500 TR) Drift Loss ,Evaporation Loss etc. – 1.5% Volume of Flow@4 USGPM/TR Hours of Operation 12hrs. Average Loading – 70 %			514.38 or say 514
	DG Cooling			2.28 or say 2
	Total water Requirement for Other Uses			569
	Total water requirement for Proposed Project (A+B)			971 KLD

6. Waste water details:

Details	Water (KLD)
Water requirement for domestic purpose (70% of 402KLD as Fresh water) = 281.4 KLD (say 281 KLD)	281
Water requirement for Flushing Purpose (30% of 402 KLD as Fresh water) = 120.6 KLD (say 121 KLD)	121
Wastewater to be generated from domestic use (@ 80% of domestic water requirement) = 224.8 KLD or say 225 KLD	225
Wastewater to be generated from Flushing (@ 100% of flushing requirement) = 121 KLD	121
Total Wastewater to be generated (225KLD + 121 KLD) = 346 KLD	346
STP Proposed	400
Total Treated Water available after STP Treatment (@ 90% of waste water)	311.4 or say 311

7. Solid waste generation details:

Category	Counts (heads)	Waste Generated (kg/day)

IT Residential facilities	1200 @ 0.5kg/day	600
IT/ ITES Population	4827@0.15kg/day	724.05
Staff	302@0.15kg/day	45.3
Visitors	603@0.15kg/day	90.45
Total Waste Generated		1459.8 kg/day Or Say 1460 kg/day

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

RESOLUTION AGAINST AGENDA NO-09

The committee discussed the matter and recommended to grant the environmental clearance for the above project proposal along with general conditions as earlier prescribed by authority for construction project and following specific conditions:

1. 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.
2. Solar energy to be used alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
3. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
4. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
5. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
6. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
7. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
8. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
9. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
10. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
11. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
12. 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.
13. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
14. 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).

15. 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.
16. 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.
17. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
18. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
19. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
20. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
21. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
22. 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 of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
23. No parking shall be allowed outside the project boundary.
24. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
25. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
26. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
27. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
28. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
29. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
30. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.

31. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
32. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
33. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
34. All the internal drains are to be covered till the disposal point.
35. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
36. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

10. Discussion on M/s ACC Ltd. Letter dated 13/03/2021 regarding Extension of Validity period of EC. File No. 446

RESOLUTION AGAINST AGENDA NO-10

The committee went through the request letter dated 13/03/2021 of Shri Atul Dutta, Director Plant, Tikaria Cement Works and found that the environmental clearance letter dated 31/03/2012 is valid up to 30/03/2022. Hence, no action is required at SEAC level.

11. Integrated Township "Aditya World City" at Village-Shahpur, Bamheta, Dasna, District-Ghaziabad., M/s Agarwal Associates (Promoters) Ltd. File No. 1602/Proposal No. SIA/UP/MIS/99976/2021

The committee noted that the environmental clearance for the above proposal was issued by SEIAA, U.P. vide letter no. 1555/PARYA/SEAC/1602/2012/DD(D) dated 07/10/2013 for plot area 7,47,435 m^2 and built up area 13,95,596.098 m^2. The validity of Environment clearance letter dated 07/10/2013 expired on 06/10/2020. The project proponent applied for extension of validity on 24/02/2021 as per MoEF&CC notification no. S.O. 4254(E) dated 27th November, 2020.

RESOLUTION AGAINST AGENDA NO-11

The committee discussed the matter and recommended to extend the validity of Environmental Clearance letter dated 07/10/2013 for the period of 03 years i.e. 07/10/2020 to 06/10/2023. All the contents mentioned in Environmental Clearance letter no. 1555/PARYA/SEAC/ 1602/2012/DD(D) dated 07/10/2013 shall remain same.

12. Integrated Township Park Town, at Village-Shahpur, Bamheta and Mehrauli, Dasna, District-Ghaziabad, U.P., M/s Utility Estate Pvt. Ltd. File No. 1240/Proposal No. SIA/UP/MIS/200101/2021

The committee noted that the environmental clearance for the above proposal was issued by SEIAA, U.P. vide letter no. 1997/PARYA/SEAC/1240/2011/DDY dated 12/10/2013 for plot area 4,76,249.78 m^2 and built up area 4,15,187.82 m^2. The validity of Environment clearance letter dated 12/10/2013 expired on 11/10/2020. The project proponent applied for extension of validity on 24/02/2021 as per MoEF&CC notification no. S.O. 4254(E) dated 27th November, 2020.

RESOLUTION AGAINST AGENDA NO-12

The committee discussed the matter and recommended to extend the validity of Environmental Clearance letter dated 12/10/2013 for the period of 03 years i.e. 12/10/2020 to 11/10/2023. All the contents mentioned in Environmental Clearance letter no. 1997/PARYA/SEAC/1240/2011/DDY dated 12/10/2013 shall remain same.

13. Amendment in Environmental Clearance for Group Housing Project-3 at Kanpur Road, Lucknow, U.P. M/s Paarth Infrabuild Pvt. Ltd. File No. 2664/Proposal No. SIA/UP/MIS/206943/2021

RESOLUTION AGAINST AGENDA NO-13

The committee observed that as per the document submitted and presentation made by the project proponent, the amendment in environmental clearance is not feasible due to incomplete khasra no. mentioned in form-1. It appears to be a violation case. The committee directed the project proponent to submit entire documents such as khasra map, khatauni, rakba, cadastral map, land transfer /mutation documents and KML file etc. regarding the project. The committee also decided that a site visit shall be undertaken by the members of SEAC for spot verification.

14. Up gradation & Expansion of Existing District Hospital at Village –Kadipur, Tehsil – Manjhanpur, District-Kaushambi. Dr, Dipak Seth, CMS, Govt. District Hospital Kaushambi. File No. 6197/Proposal No. SIA/UP/MIS/198357/2021

The committee noted that the matter was earlier discussed in 532nd SEAC meeting dated 15/03/2021 and directed the project proponent to submit following information:

1. Emergency exit should be provided.
2. Site photographs with date, time and coordinates.
3. Revised CER as per hospital facility.

The project proponent submitted their replies vide letter dated 15/03/2021. Hence, the matter was listed in 537th SEAC meeting dated 07/04/2021. A presentation was made by project proponent along with their consultant M/s Atmos Sustainable Solutions Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The Environment clearance is sought for Up-gradation& Expansion of Existing District Hospital at Village –Kadipur, Tehsil –Manjhanpur, District-Kaushambi, U.P. M/s Department of Medical and Health, Uttar Pradesh.
2. Salient features of the project:

S.NO.	PARTICULARS	PROPOSED
1.	Net Plot Area	42,343.40 (10.46 Acres)
2.	Proposed FAR	44,040.25m^2 (Existing – 20,659.59 m^2 + Expansion – 23,380.66m^2)
3	Proposed Ground Coverage	13,537.85 m^2 (Existing – 9,150.95m^2 + Expansion – 4,386.90m^2)
4.	Total Built Up Area	44,687.46m^2 (Existing – 20,824.95m^2 + Expansion – 23,862.51m^2)
5.	Maximum No. Of Floors	G+7thfloor (Hospital Building)
6.	Total No. Of Beds	470 Bedded [Existing - 170 + Expansion - 300]
7.	Expected Population (Existing + Expansion)	2,990
8.	Total Water Requirement and fresh water Requirement for (Existing +Expansion)	Total water Requirement for [Existing +Expansion] - 451KLD & Total Fresh water requirement -262KLD For Existing-(Hospital + Residential Block) Water Requirement - 154KLD, Fresh water-108KLD For Expansion- (Hospital + Residential Block) Water Requirement - 297KLD, Fresh water-154KLD
10.	Total Recycled Water for (Existing +Expansion)	309 KLD
11.	STP Capacity & Technology for (Existing +Expansion)	STP-350KLD; RBC ETP - 100 KLD
12.	Total Power Requirement & Source	2,427KW; Power is available at 11 KV from Uttar Pradesh State Electrical Board/UPPCL.
13.	Power Backup DG Sets Capacity	DG Sets 2*1,250kVA for each
14.	Rainwater Harvesting Pit	11(1Pit/Acre)
15.	Total Parking Proposed	41ECS
16.	Energy Conservation Percentage	28 %
17.	Total Solid Waste Generation for (Existing + Expansion)	1,328kg/day Bio medical waste generation- 705 kg/day Municipal Waste generation- 623 kg/day
18.	Project Cost	Rs. 145.05 Crores
19.	Maximum Height of the building	30.00 mtrs (Hospital)

3. Comparative details:

S. NO.	PARTICULARS	Existing	Expansion	Existing + Expansion	Area m²
1.	STP	-	350KLD	350 KLD	300
2.	ETP	-	100KLD	100KLD	
3.	RWH Pits	-	11	11	
5.	Radioactive Waste		Proposed at the site	Proposed at the site	
6.	Total Solid Waste Bio Medical Waste Municipal Solid Waste	255kg/day 279 kg/day	450kg/day 344 kg/day	705kg/day 623kg/day	200
7.	Renewable Energy	-	330 KW	330 KW	

4. Area details of the project:

S. No.	Particulars	Existing Area (m^2)	Expansion Area (m^2)	Total Area (m^2)	%Age
1.	Plot Area as per land Allotment			42,343.40 (10.46 Acres)	100
2.	Permissible Ground Coverage (@35% of NPA)			14,820.19	
3.	Proposed Ground Coverage (@ 32 % of NPA)	9,150.95 (21.61%)	4,386.90 (10.36%)	13,537.85	31.97
4.	Permissible FAR (@ 1.50 of NPA)			63,515.10	
5.	Proposed FAR (@ 1.04 of NPA)	20,659.59 (48.79%)	23,380.66 (55.23%)	44,040.25	
6.	Non FAR Area	165.36	481.85	647.21	

7.	Built Up Area	20,824.95 (49.10%)	23,862.51 (56.35%)	44,687.46	
8.	Net Open Area (NOA)			28,805.55	53.03
9.	Landscape Area (@ 15% of PA)			6,351.51	15.00
	Maximum Height of the (Hospital Building)			30.00	

5. Water requirement details for expansion project:

S. No.	Description	Total Population/Area in (m^2)	Unit water Consumption (LPCD)	Total Water Requirement (KLD)
1.	Main Uses (Domestic)			
a.	IPD (Patient, attendants, visitors, staff etc.)	300	450	135
b.	OPD	500	15	7.5
c.	Laundry	3.5 kg/bed	25lt/bed/day	26.25
d.	Kitchen	(1500 meals)	15liters	22.5
e.	Clinical water		20lt/bed/day	6
f.	Labs, Operation & Labour Rooms etc.			10
g.	Residents	122	86	10.49
h.	Staff	24	45	1.08
i.	Visitors	48	15	0.72
	WATER CONSUMPTION OF MAIN USES			219.54 say 220 KLD
2.	Other Uses			
a.	Horticulture/landscape	6,351.51m^2	3ltrs/m^2	19.05 say 19
b.	HVAC	300 TR	10lt/TR/hr(10hr)	30
c.	DG cooling	2*1250 kVA	0.9ltrs/kVA/hr	18
d.	Filter backwash			10
	TOTAL WATER DEMAND CALCULATED (1+2)			296.59 KLD say 297 KLD

6. Solid waste generation details:

Total Bio Medical Waste Generation	705 kg/day
Non-hazardous in Nature (@85%)	approx. 599.25 kg/day
Infectious in Nature (@10%)	approx. 70.5 kg/day
Non-Infectious but hazardous in nature (@5%)	approx. 35.25 kg/day
Total Municipal Waste Generation	623 kg/day
Biodegradable waste (@60%)	approx.373.8 kg/day
Non-Bio degradable waste (@30%)	approx.186.9kg/day
Inert waste (@10%)	approx.62.3 kg/day

7. Power requirement details:

Power Requirement	Details
Transformer Selection	Demand load estimated for project is approx. 2,427KW (2,158kVA). As per projected peak load demand on Electrical Sub-station, Oil type Transformers with ON Load Tap Changer of capacity 2*1600 kVA. Transformer Selection -2,373kVA
Source of Power Supply	Power is available at 11 KV from State Government of UP/ UPPCL
Backup power supply arrangement	Total maximum demand is 2,443kVA DG Sets will be of 2*1250kVA
Location of DG Sets	DG sets shall be placed in open
Stack Height	As per the CPCB/CPWD and Local Bye –Laws standards (SPCB)

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

RESOLUTION AGAINST AGENDA NO-14

The committee discussed the matter and recommended grant of environmental clearance for the project proposals alongwith general conditions as earlier prescribed by authority for construction project and following specific conditions:

1. Emergency exit should be provided.
2. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
3. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and industrial effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
4. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
5. Parking space for ambulances shall be exclusively earmarked.
6. Police post shall be provided near emergency.
7. Dedicated power supply to be installed in Operation Theaters and other critical areas
8. Accommodation for attendants to be provided near indoor nursing wards.
9. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
10. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
11. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
12. Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings.
13. 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 and First Aid Room etc.
14. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
15. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
16. Bio medical waste management shall be followed as per The Bio-Medical Waste (Management and Handling) Rules, 2016. Special attention to be given for Mercury waste management and disposal. Authorization certificate is to be obtained from Pollution Board and you cannot hold bio medical waste more than 24 hours.
17. Necessary permissions should be sought for use and safe disposal of radioactive materials. Procedural protocol prescribed by competent authority should be followed for the same.
18. Sewage/other effluents from infectious diseases ward and pathology/laboratory should be treated/disinfected separately prior to ETP.
19. A 2% of the total project cost Corporate Environmental Responsibility (CER) plan along with budgetary provision shall be prepared phase wise and approved by Board of Directors of the company. A copy of resolution as above shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted alongwith photographs. No parking shall be allowed outside the project boundary.

20. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
21. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
22. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
23. Disposal of muck during construction phase should 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.
24. Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the UP Pollution Control Board.
25. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.

(Dr. Virendra Misra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Dr. Ranjeet Kumar Dalela)
Member

(Meraj Uddin)
Member

(Dr. Ajoy Kumar Mandal)
Member

(Dr. Sarita Sinha)
Member

(Rajive Kumar)
Member

(Dr. S.N. Singh)
Chairman