

### **Minutes of 519<sup>th</sup> SEAC Meeting Dated 06/01/2021**

The 519<sup>th</sup> meeting of SEAC was held through video conferencing in view of the Corona Virus Disease (Covid-19) on 06/01/2021. Following members were participate in the online meeting:

1.	Dr. (Prof.) 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.	Shri Rajive Kumar,	Member
8.	Shri Meraj Uddin,	Member

The Chairman welcomed the members to the 519<sup>th</sup> SEAC meeting which was conducted online.

The SEAC unanimously took following decisions on the agenda points discussed:

**1. Formaldehyde Manufacturing Unit-19800 MT/ Annum (60.0 MT/day) at Plot No.-12, Rajapur Industrial Area, District-Lakhimpur Kheri, U.P., M/s Power Bridge Chemicals. File No. 5731/Proposal No. SIA/UP/IND2/54695/2020**

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 Formaldehyde Manufacturing Unit-19800 MT/ Annum (60.0 MT/day) at Plot No.-12, Rajapur Industrial Area, District-Lakhimpur Kheri, U.P., M/s Power Bridge Chemicals.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 346/Parya/SEAC/5731/2020 dated 25/09/2020.
3. Final EIA report submitted by the project proponent on 21/12/2020.
4. Salient features of the project:

Sr. No.	Attributes	Details of project
1	Proposed capacity of Plant	Product : Formaldehyde Capacity : 60 MT/Day (19800 MT/Annum)
2	Total project area	1673.84 sqm ( 0.167 Ha)
3	Total project cost	433.50 Lakhs
4	No of working days	330 Days
5	Raw material and its Quantity	Methanol : 28 MT/Day Salt (NaCl) : 60 kg/Day Silver (as catalyst)
6	Fuel Requirement	Diesel : 65 Litre /hr (For DG Set, Boiler)
7	Water Requirement	Industrial Use: 150 KLD Domestic Use: 10 KLD Total Water Requirement: 160 KLD
8	Man Power Requirement	Unskilled-05 Semi- Killed-10 Skilled- 05 Total- 20 Nos

9	Power Requirement	Total Connected Load : 180 KVA Total Operating Load : 150 KVA
12	Source of water	Ground water
13	Waste Water Generation	Industrial Waste Water : 66.0 KLD
14	Domestic Water Requirement	Water requirement : 10.0 KLD Domestic Waste Water : 6.0 KLD Treatment : Waste water will be disposed through Septic and Soak pit.
15	Source of Air Pollution and fuel	Capacity of boiler : 700 kg/hr Quantity of fuel : 40 Litre/hr Type of fuel : Diesel (LDO/HSD)
16	Air Pollution Control Equipment	All major sources of Air pollution will be provided with Wet Scrubber to maintain PM emissions below permissible limits (i.e. < 800 mg/Nm <sup>3</sup> ). Stack height : 30 meters
17	Solid waste generation <b>Hazardous Waste</b>	7.0 kg.day 0.5 KL/annum

5. Land use details:

Land Use	Area in sq. m.	%
Roof Top	351.3	21
Open Space	531.7	37.1
Green Belt Area	553.0	33
Road & Paved	150.0	8.9
Total Plot area	1673.86	100

6. Raw material details:

Sr No	Particular	Raw Material (Daily Requirements)	Source of raw material & Mode of Transportation
1.	Methanol	28 MT/Day	Nearby Market Area/ By Road
2.	Salt	60 Kg/Day	Nearby Market Area/ By Road
3.	Silver (as a catalyst)	-	Nearby Market Area/ By Road

7. Plant capacity:

PARTICULARS	Production Capacity	PRODUCT DETAILS
Total Plant Capacity (Formaldehyde)	19800 MT/ANNUM (60.0 MT/Day)	Formaldehyde : 37% - 45% ± 0.25%.

8. Water requirement details:

Particulars	Water Consumption per Day in KLD	Loss/waste - water generation in KLD
Domestic Use		
Drinking Water	10.0	8.0
Industrial use		
Process	49.5	20.0
Cooling	100.0	38.0
Grand Total	160 KLD	66.0 KLD
<ul style="list-style-type: none"> <li>Waste water generation in operation phase will be 66 KLD. Waste water generated will be treated in ETP of capacity 80 KLD.</li> </ul>		

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

**RESOLUTION AGAINST AGENDA NO-01**

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

1. Installation of separate ETP for the disposal of liquid/leakage.
2. Explore the possibilities of use of various by-products.
3. Explore the possibilities of methodology for formaldehyde formation by use of copper as catalyst and methane as raw material.

4. **Development of spectrophotometric method for detection of formaldehyde in air and HPLC method for detection of formaldehyde in water.**
5. **Storage conditions for formaldehyde after manufacturing.**
6. **Disaster management in case of spillage of formaldehyde.**
7. Statutory compliance:
  - i. The project proponent should obtain necessary permission from Drug Controller, Govt. of India, within time frame.
  - ii. 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.
  - iii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
  - iv. 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).
  - v. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
  - vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
  - vii. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.
8. Air quality monitoring and preservation:
  - i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
  - ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986.
  - iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, and SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
  - iv. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and /or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
  - v. Storage of raw materials, coal etc, shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
  - vi. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
  - vii. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied.

9. Water quality monitoring and preservation:
  - i. The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD)
  - ii. As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).
  - iii. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever, is more stringent.
  - iv. Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
  - v. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
  - vi. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
  - vii. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
10. Noise monitoring and prevention:
  - i. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
  - ii. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
  - iii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
11. Energy Conservation measures:
  - i. The energy sources for lighting purposes shall preferably be LED based.
12. Waste management:
  - i. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
  - ii. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
  - iii. The company shall undertake waste minimization measures as below:-
    - a. Metering and control of quantities of active ingredients to minimize waste.
    - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
    - c. Use of automated filling to minimize spillage.
    - d. Use of Close Feed system into batch reactors.
    - e. Venting equipment through vapour recovery system.
    - f. Use of high pressure hoses for equipment clearing to reduce wastewater generation
13. Green Belt:
  - i. The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.

14. Safety, Public hearing and Human health issues:

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

15. Corporate Environment Responsibility:

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements /deviation /violation of the environmental / forest /wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation/ violation of the environmental/ forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- iii. A separate Environmental Cell both at the project and company head quarter level , with qualified personnel shall be set up under the control of senior Executive, who will directly 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.

16. Miscellaneous:

- i. Environment Clearance subjected to condition of necessary permission from Drug Controller and Department of Industry.
- ii. Monitoring of dioxin and furon from biomass fueled boiler should be done.
- iii. Agreement with TSDF vendors shall be submitted.
- iv. 100% waste water is to be treated in ETP conforming to prescribed standards of receiving body for designated use.
- v. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.

- vi. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- vii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- viii. The project proponent shall monitor the criteria pollutants level namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- ix. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- x. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- xi. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- xii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- xiii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- xiv. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- xv. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xvi. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xvii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xviii. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
- xix. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- xx. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

**2. Expansion & Modification of Group Housing Project "Savior Park" at Khasra No.- 1125/1, 1126/1, 1131,1144/2, 1145/1, 1146/M, 1154/1, 1132, 1127/M, 1128/1, 1129, 1114 to 1117, 1119, 1120, 1124/1, 1130, 1147 to 1150, 1146/M, in Karhera & 1/2, 13, 13, 1/2, in Sahibabad, at Plot No.-108, Katori Mill, Loni Road, Mohan Nagar, Ghaziabad, U.P., M/s Savfab Buildtech Pvt. Ltd. File No. 6057/ 5683/Proposal No. SIA/UP/MIS/59350/2019**

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 Expansion & Modification of Group Housing Project "Savior Park" at Khasra No.- 1125/1, 1126/1, 1131,1144/2, 1145/1, 1146/M, 1154/1, 1132, 1127/M, 1128/1, 1129, 1114 to 1117, 1119, 1120, 1124/1, 1130, 1147 to 1150, 1146/M, in Karhera & 1/2, 13, 13, 1/2, in Sahibabad, at Plot No.-108, Katori Mill, Loni Road, Mohan Nagar, Ghaziabad, U.P., M/s Savfab Buildtech Pvt. Ltd.
2. Environmental clearance for the earlier proposal was issued by SEIAA, U.P. vide letter no. 3124/Parya/SEAC/1071/JDCA(V)/2011 dated 04<sup>th</sup> Oct, 2013 for the plot area 37284 m<sup>2</sup> and built-up area of 155000 m<sup>2</sup>.
3. Standard terms of reference for the expansion proposal were issued on 05/06/2020.
4. Salient features of the project:

Name and Location of the Project	Expansion and Modification of proposed group housing project "Saviour park" at Khasra No.- 1125/1, 1126/1, 1131, 1144/2, 1145/1, 1146/M, 1154/1, 1132, 1127/M, 1128/1, 1129, 1114 to 1117,1119, 1120, 1124/1, 1130, 1147 to 1150, 1146/M In Karhera & ½, 13,13,1/2. In Sahibabad, Mohan Nagar, Ghaziabad, U.P.
Developers of the project	M/s SAVFAB Buildtech Private Limited
Total Plot Area	37284.0 sqm
Built-up Area	178365.639 sqm
Total no of Dwelling Unit	1150 Nos
Type of Facilities	Group Housing Club Swimming Pool Commercial
Total Water Requirement	579 KLD, out of which fresh water requirement will be 422 KLD
Power Requirement	3600 KVA UP State Electricity
Power Backup	500 KVA (02 Nos ) X 750 KVA (02 Nos )
Total Parking Proposed	1793 ECS
Solid Waste to be Generated	3044.5 kg/Day
Total Project Cost	Approx : 251.0 Crores (after expansion)
Solar Lights	50 % solar light proposed in open area, common area

**5. Comparative details of existing and expansion proposal:**

Sr. No.	Particulars	As per Existing EC	After Proposed Expansion	Remark
1	Total Plot Area	37284.0 m <sup>2</sup>	37284.0 m <sup>2</sup>	Same
2	Permissible Ground Coverage	11091.990 m <sup>2</sup> (35%)	11091.990 m <sup>2</sup> (35%)	No Change
3	Proposed Ground Coverage	7804.1 m <sup>2</sup>	8821.970 m <sup>2</sup>	Due to change in FAR
4	Permissible Floor Area	110919.9 m <sup>2</sup>	118842.75 m <sup>2</sup>	Increase due to increase in FAR
5	Proposed FAR	102071.76 m <sup>2</sup>	118776.92 m <sup>2</sup>	Due to change in FAR
6	Non FAR Area (basement + stilt)	52928.426 m <sup>2</sup>	59588.709 m <sup>2</sup>	Reduced as ground coverage increased.
7	Total Built-up Area	155000.0 m <sup>2</sup>	178365.639 m <sup>2</sup>	Due to change in FAR

8	Total Dwelling Units	Permissible : 1204 Proposed : 980	Permissible : 1530 Proposed : 1150	Increase in permissible population density
9	Proposed Green area	5592.600 m <sup>2</sup>	5592.600 m <sup>2</sup>	No Change
10	Landscape Area	10025.508 m <sup>2</sup>	9007.708 m <sup>2</sup>	Decrease due to change in ground coverage.
11	No. of trees Required: Proposed no. of trees	Open area/100 m <sup>2</sup> = 29479.9/100 = 294.80 or 295 Trees	Open area/100 m <sup>2</sup> = 28462.1/100 =284.62 or 285 Trees	Due to reduction in Open Area.

**6. Land use details:**

Sr No	Particulars	Area	% of Total Plot
01	Covered Area	8821.97	24
02	Road, Paved Area etc.	22870.03	61
03	Green Area	5592.60	15
Total Land Area		37,284.0	100 %

**7. Water requirement details:**

- Fresh water requirement after expansion will be : 422.0 KLD
  - Total water requirement after expansion will be - 422.0 (Fresh water ) + 157.0 Recycled = 579.0 KLD.
  - The water supply will be provided through the Local Municipal Supply, Ghaziabad.
8. Total Solid waste generation after proposed expansion will be : 3044.5 kg/day Municipal waste and 20.6 kg/Day Horticulture waste .
9. The project proposal falls under category 8 (b) of EIA Notification, 2006 (as amended).

**RESOLUTION AGAINST AGENDA NO-02**

**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.

**3. Commercial Building, at FC-21/22, Sector-16A, NOIDA, U.P., Mr. Neeraj Aggarwal, M/s AR Airways (P) Ltd. File No. 6059/Proposal No. SIA/UP/MIS/189399/2020**

A presentation was made by project proponent along with their consultant M/s Enviro Infra Solutions Pvt. Ltd. The committee discussed the matter and directed the project proponent to submit following information:

1. Revised solid waste quantity.
2. Plan for organic waste convertor.
3. Energy conservation plan.

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

**4. "IT Complex" at Plot No.- 01, 02, 11, 12, & 10 Sector-13, Noida, District- Gautam Buddha Nagar, U.P., M/s Cadilac Infotech Pvt . Ltd. File No. 6064/Proposal No. SIA/UP/MIS/189502/2020**

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

1. The Environment clearance is sought for IT Complex" at Plot No.- 01, 02, 11, 12, & 10, Sector-135, Noida, U.P by M/s Cadillac Infotech Pvt.
2. The proposed development comprises two towers each with Basement + Ground floor+9 floors in a plot area of 20,000 m2 with a total built-up area 59,970.836 m2 The activities in the proposed complex will be office halls, Club (2 no.) along with a swimming pool.

3. Area details of the project are as follows:

Particulars	Unit	Details
Plot Area	m <sup>2</sup>	20000
<b>GROUND COVERAGE</b>		
Ground Coverage Permissible	m <sup>2</sup>	6000
Ground Coverage Proposed	m <sup>2</sup>	5968 (29.8% of plot area)
<b>FAR AREA</b>		
FAR Permissible	m <sup>2</sup>	43000
FAR Proposed	m <sup>2</sup>	42997.350
<b>NON-FAR AREA</b>		
Staircases Area	m <sup>2</sup>	2105.44
Basement area	m <sup>2</sup>	14283.416
Mumty and machine room and lift areas	m <sup>2</sup>	584.63
Total Non-F.A.R Area	m <sup>2</sup>	16973.486
Total Builtup Area	m <sup>2</sup>	59970.836
Total Green Area	m <sup>2</sup>	7069 (35.3 % of the plot area)
Green Area on Ground	m <sup>2</sup>	4080.0 (20.4%)
Other Green area(terrace Green)	m <sup>2</sup>	2989.0 (14.9%)
Surface parking Area	m <sup>2</sup>	3743
Road Area & Open Area	m <sup>2</sup>	9952
No. of Floors	No.	B+G+9
No. of tower	No.	2
Level of Basement	No.	1
Height of building	m	36.9
Cost of Project	Rs in Crores	150

4. Land Use details:

Land Use	Area (m2)	Percentage (%)
Ground Coverage	5968	29.8
Green Area	4080	20.4
Open and Road Area	9952	49.76
Total Plot Area	20000	100

5. Population details:

<b>Population</b>		
Staff	No.	3870
Visitors	No.	430
Maintenance staff	No.	50
Total Population	No.	4350

6. Salient features of the project

Source of water	-	Noida Authority
Total water requirement	KLD	249
Fresh Water Requirement	KLD	101
Total waste water generation	KLD	164
STP capacity	KLD	200
Treated water Reuse	KLD	148
No. of Rain water Harvesting pits	Nos.	5
Total Municipal Solid waste generated	kg/day	653
Power Source	-	UPPCL (Uttar Pradesh Power Corporation Limited)
Total Power load	kW	2700
No. of DG sets	kVA	3 X 1500
Parking Required	ECS	946
Parking Provided	ECS	981
EMP Cost (including Social Activities)	Rs.	165
EMP Recurring Cost	Rs.	14.5

**7. Water Calculation details:**

Particular	Population	Factor in LPCD	Requirement in KL	DOMESTIC in KL	FLUSHING in KL	WASTE WATER in KL
<b>Domestic</b>						
Staff	3,870	45	174	97	77	-
Visitor	430	15	6	2	4	-
Maintenance staff	50	15	1	0.5	0.5	-
Total	4350	-	181	99	82	-
<i>Waste water generation</i>	-	-	-	79	82	161
Gardening	2 l/m2	-	14	-	-	-
DG and HVAC Cooling	-	-	52	-	-	3
Swimming Pool	-	-	2	-	-	
Total			249			164

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

**RESOLUTION AGAINST AGENDA NO-04**

**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.
5. **Hotel (Non Star) at Khasra No.- 1181(M) & 1183 (M), Noor Nagar, Ghaziabad, U.P., Shri Abhi Dinesh, M/s Jyoti Super Construction & Housing Pvt. Ltd. File No. 6065/Proposal No. SIA/UP/MIS/189786/2020**

The documents were not timely received by the Directorate and committee members. Hence, the matter is deferred and will be taken up on 13/01/2021.

6. **Group Housing "Gulmohar Garden" at Khasra No.-1131, 1133, 1139, 1143, 1144, Village- Noor Nagar, Pargana- Loni, District- Ghaziabad, U.P., Shri Vijay Jindal, M/s SVP Builders (I) Ltd. File No. 5753/Proposal No. SIA/UP/NCP/55350/2020**

The documents were not timely received by the Directorate and committee members. Hence, the matter is deferred and will be taken up on 13/01/2021.

7. **Advant Solaris Business Park, Plot No.1, Sector - 142, Noida, Gautam Budh Nagar, U.P., Shri Sunil Sharma, M/s SS Technopark Private Limited. File No. 6077/4339/Proposal No. SIA/UP/NCP/59366/2018**

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

1. The Environmental clearance is sought for Advant Solaris Business Park at Plot No.1, Sector - 142, Noida, Gautam Budh Nagar, U.P., Shri Sunil Sharma, M/s SS Technopark Private Limited.
2. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 605/parya/SEAC/4339/2018 dated 28/12/2018. Final EIA report submitted by the project proponent on 28/12/2020.
3. Area details of the project:

S. No.	Items	Details (sq.m.)
1	Total Plot area	58535.75
2	Total Permissible Coverage @ 35% (a+b)	20487.513
3	a. Ground Coverage @ 30%	17560.73

4	b. Additional Coverage for Parking Structure @ 5%	2926.788
5	Total proposed ground coverage @34.87	20181.125
6	Total Permissible F.A.R. (a+b+c+d)	153656.344
7	a. Permissible F.A.R. @ 2.5	1,46,339.375
8	b. Add. FAR for green @ 5% of a	7316.97
9	Per. Service area @ 15% of a	21950.906
10	Total Proposed FAR Area	153507.806
11	Non FAR Area (including Service floors & Basement)	19,1675.046
12	Built up Area (FAR & Non FAR)	3,45,182.852
13	Open Area including landscape area	36855.945
14	Landscape Area	18,430.073
15	Maximum Building Height	Approx 129.70 m
16	Total Parking	Required (@1 ECS/50 m <sup>2</sup> of FAR): 3073 ECS Total parking available :4205 ECS
17	Total Population	Commercial Population: 7640 IT Office Population: 21770

**4. Water requirement details:**

S. No	Description	Area	Occupant load	Population	Raw Water Requirement				Overall Water Requirement	Wastewater Flow to STP	
					Domestic (Fresh water)		Flushing (Recycled from STP)			% AGE	Total
		Sqm.	Sqm./Person	Nos.	LPC D	KLD	LPC D	KLD	KLD	%	KLD
1	Office area (IT)	130598.02	6	21770	25	544.25	20	435.4	979.65	85%	832.7
2	Service floors	21950.2		500	25	12.50	20	10	22.50	85%	19.1
	Visitors (15% of 1+2)			3340	5	16.7	10	33.4	50.1	85%	42.6
3	Commercial area	22909.77	3	7640							
a	Fixed population		20%	1528	25	38.20	20	30.56	68.76	85%	58.4
b	Floating population		80%	6112	5	30.56	10	61.12	91.68	85%	77.9
5	Restaurant			750	55	41.25	15	11.25	52.5	85%	44.6
6	Landscape water								44		
7	Cooling makeup water	*21010 KVA DG Sets (09 l/KVA/hr for 6hr) #1100 TR (12 l/Ton/hr for 16hr)							343		
	Total (KLD)					683.46		581.73	1652.19		1075.41
	Total Say (KLD)					684		582	1653		1076

**5. Solid waste generation details:**

S. No.	Particulars	Population	Waste Generation (kg/day)
1	Office area (IT) (@0.2 kg/day)	21770	4354.0

2	Commercial area		
a	Floating population (@0.1 kg/day)	9452	945.2
b	Fixed population (@0.2 kg/day)	1528	305.6
3	Service population (@0.2 kg/day)	500	100.0
4	Restaurant (@0.2 kg/seat/day)	750	150.0
5	Horticulture waste (18416.9 * 0.0037 kg/sqm/day)		68.1
6	STP Sludge (4% of total wastewater )		45.5
	<b>Total (Kg/day)</b>		<b>5968.4</b>
	E-Waste (0.15 kg/C/Yr) + obsolete machinery		240 kg/yr

6. Parking details:

	Area	Area for parking	No. of Cars
Multi Level Parking	17884.25	16,885.593	563
Basement-3	46769.32	40,062.04	1335
Basement-2	41774.62	34,050.62	1135
Basement-1	41143.28	35,166.57	1172
Numbers of ECS proposed			4205 ECS

7. 14 no. of rain water harvesting pits are proposed.

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

**RESOLUTION AGAINST AGENDA NO-07**

**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.
8. **"Greenberry High street Mall at Plot No.-C.P. 3/2, Vastu Khand-03, Gomti Nagar, Lucknow, U.P., Shri Rajesh Kumar Gupta, Director, Nittin Buildcon L.L.P., Lucknow ,U.P. File No. 6080/Proposal No. SIA/UP/MIN/185494/2020**

**RESOLUTION AGAINST AGENDA NO-08**

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

9. **Commercial Project at plot No.-C3-E1, Sector-129, Noida, Mr. Umasankar sharma, M/s Gulshan Homes and Infrastructure Pvt. Ltd. File No. 3857/Proposal No. SIA/UP/MIS/154786/2020**

The committee noted that the environmental clearance for the proposal was issued by SEIAA, U.P. vide letter no. 80/Parya/SEAC/3857/2016 dated 14/05/2018 for plot area 7487 m<sup>2</sup> & built-up area 48,125.68 m<sup>2</sup>. The project proponent through letter dated 28/05/2020 informed that due to change in design of building the built up area was revised to 44,637.03 m<sup>2</sup>. Hence, they applied for amendment in environmental clearance letter dated 14/05/2018.

A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The Environmental clearance is sought for amendment in Commercial Project at plot No.-C3-E1, Sector-129, Noida, U.P., M/s Gulshan Homes and Infrastructure Pvt. Ltd.
2. Details of earlier proposal and proposed amendment in E.C letter dated 30/09/2019:

Sl. No.	Description	As per Previous EC	As per Revised Proposal	Unit	Increase/ Decrease	Percentage %
GENERAL						

1	Proposed Built Up Area	48125.68	44637.03	sq.m.	-3488.65	-7.82
2	Max No of Floors	3B+G+15	2B+G+15			
3	Cost of Project	101	101	cr	-	-
Population						
4	Population	10206	6062	Persons	-4144	-40.6
AREAS						
5	Permissible Ground Coverage Area	2994.8	2994.4	sq.m.	-0.4	-0.01
6	Proposed Ground Coverage Area	2986.15	2994.373	sq.m.	8.223	0.27
7	Permissible FAR Area	29948	29944	sq.m.	-4	-0.01
8	Proposed FAR Area	29917	28098.171	sq.m.	-1818.83	-6.47
Water						
9	Total water requirement	526.99	378.97	kld	-148.02	-39.06
10	Fresh water requirement	320.38	226.47	kld	-93.91	-41.47
11	Proposed STP Capacity	310	215	kld	-95	-44.19
12	Surplus treated water	Zero discharge	Zero Discharge	kld	-	-
Waste generation						
13	Solid Waste Generation	1.26	0.67	Tpd	-0.59	-46
Parking						
14	Parking Proposed	691	562	Ecs	-129	-18.7

The project proponent requested to amend the environmental clearance dated 14/05/2018 as per above project details.

**RESOLUTION AGAINST AGENDA NO-09**

The committee discussed the matter and recommended to amend the environmental clearance letter no. 80/Parya/SEAC/3857/2016 dated 14/05/2018 as per above project details. The committee also directed the project proponent that all the contents mentioned in Environmental Clearance letter no. 80/Parya/SEAC/3857/2016 dated 14/05/2018 shall remain same.

**10. Group Housing Complex at Plot No.-GH-01, Sector-43,Noida, Shri Rajat Pathak, M/s Rosebery Estate LLP. File No. 4916/4331/Proposal No. SIA/UP/MIS/188749/2020**

The committee noted that the environmental clearance for the earlier proposal was issued by SEIAA, U.P. vide letter no. 287/Parya/SEAC/4331-4916/2019 dated 30/09/2019 for plot area 44,310 m<sup>2</sup> & built-up area 3,52,870.879 m<sup>2</sup>. The project proponent through letter dated 18/12/2020 informed that due to change in design of building the built up area was revised to 3,51,772.82 m<sup>2</sup>. Hence, they applied for amendment in environmental clearance letter dated 30/09/2019.

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

1. The Environmental clearance is sought for amendment in Group Housing Complex at Plot No.-GH-01, Sector-43, Noida, U.P., M/s Rosebery Estate LLP.
2. Details of earlier proposal and proposed amendment in E.C letter dated 30/09/2019:

Details/Description	Unit	As per EC granted on 30.09.2019	As per amendment	Impact
Plot Area	m <sup>2</sup>	44310	44310	No impact
GROUND COVERAGE				
Ground Coverage Permissible	m <sup>2</sup>	17724	17724	No impact

Ground Coverage Proposed	m <sup>2</sup>	8862	11078	Increase
<b>F.A.R AREA</b>				
F.A.R permissible	m <sup>2</sup>	155085	155085	No impact
Permissible Green FAR (5% of Permissible FAR)	m <sup>2</sup>	7754.25	7754.25	No impact
Total permissible FAR	m <sup>2</sup>	162839.25	162839.25	No impact
<b>F.A.R PROPOSED</b>				
Proposed Residential FAR	m <sup>2</sup>	162812	158263.15	Decrease
Proposed Commercial FAR	m <sup>2</sup>	-	1550.85	-
Proposed Milk Booth FAR	m <sup>2</sup>	-	200	
Proposed Dispensary FAR	m <sup>2</sup>	-	1300	
Proposed Nursery School FAR	m <sup>2</sup>	-	1500	
Proposed FAR Area for Meter Room/Guard Room	m <sup>2</sup>	25	25	
Total FAR Proposed- A		162837	162839	Increase
<b>SERVICE AREA</b>				
Permissible Ancillary Area (Service FAR Area i.e. 15% of Permissible FAR)	m <sup>2</sup>	24425.88	23262.75	Decrease
Proposed Ancillary Area (Service FAR Area)- B	m <sup>2</sup>	24181.62	23262.75	Decrease
<b>NON-F.A.R AREA</b>				
Total Non FAR Area (Podium Balcony+Other Non FAR Area)-C	m <sup>2</sup>	91418.25	118081.07	Increase
<b>BASEMENT AREA</b>				
1st level Basement Area	m <sup>2</sup>	36556	38878	Increase
2nd level Basement Area	m <sup>2</sup>	37878	8712	Decrease
Total Basement Area- D	m <sup>2</sup>	74434	47590	Decrease
Built-up Area (A+B+C+D)	m <sup>2</sup>	352870.87	351772.82	Decrease
Green Area	m <sup>2</sup>	13736.1 (31 % of the plot area)	13736.1 (31 % of the plot area)	No impact
Road Area & Open Area including surface parking	m <sup>2</sup>	21711.9 (49% of the plot area)	19496.4 (44 % of the plot area)	Decrease
No. of Floors	No.	2B+1P+45	2B+1P+35	Decrease
No. of Towers	No.	7+2 Club/Community Block	10 Residential Towers + 1 Club + 1 Nursery School + 1 Commercial/Milk Booth Block + 1 Dispensary + 3 Guard Room	Increase (Only one club/communi ty block has been removed)
Level of Basement	No.	2	2	No impact
Height of building	m <sup>2</sup>	155.6	115.45	Decrease
No. of Dwelling Units	No.	1150	1238	Increase

Cost of the project	Rs in Crores	1349.54	1261.65	Decrease
Total Population	No.	7781	12058	Increase
Total water requirement	KLD	628	881	Increase
Fresh water requirement	KLD	396	595	Increase
Treated water reuse	KLD	232	286	Increase
Total waste water	KLD	532	651	Increase

**3. Population details:**

<b>Population details as per EC dated 30.09.2019</b>		
<b>Details</b>	<b>Unit</b>	<b>Population</b>
Resident	No.	6842
Staff (Shop)	No.	67
Cafe(Visitors)	No.	128
Visitors	No.	744
<b>Total Population</b>	<b>No.</b>	<b>7781</b>

<b>Population Details after Amendment</b>		
<b>Details</b>	<b>Unit</b>	<b>Population</b>
<b>Dwelling Units:</b>		
	2BHK=387	1,935
	3BHK=548	3,288
	4 BHK=236	1,652
	5BHK=67	469
Total Residents in Dwelling unit	Nos.	7344
Visitors (10%)	Nos.	735
<b>Club (1.4 m<sup>2</sup>/person)</b>		
Staff	Nos.	199
visitors	Nos.	1,792
Total Club	Nos.	1991
<b>Commercial (3 m<sup>2</sup> /person)</b>		
Staff	Nos.	79
visitors	Nos.	713
Total Commercial	Nos.	792
School (4 m <sup>2</sup> /person+20%)		600
<b>Dispensary (3 m<sup>2</sup>/person)</b>		
Staff	Nos.	60
visitors	Nos.	536
Total Dispensary	Nos.	596
Total Population	Nos.	12058

**4. Salient features of the project:**

Total Power load	KW	9090
No. of DG Sets	KVA	2 x 2250 KVA + 1 X 1010 KVA + 2 x 630 KVA (Total Capacity 6670 KVA)
No. of Rainwater harvesting pits	No.	8
Total water Requirement	KLD	881
Fresh Water Requirement	KLD	595
Waste Water Generation	KLD	651
Treated water reuse	KLD	286
STP Capacity	KLD	900
Total Solid Waste Generation	Kg/day	4012
Parking Requirement	ECS	2049
Parking Provision	ECS	2100
EMP Cost	Rs	Capital cost - Rs 459 Lakhs Recurring cost - Rs 17 Lakhs

5. Water calculation details after amendment:

Particulars	Population (Nos.)	Factor (LPCD)	Total water Requirement (KLD)	Domestic (KLD)	Flushing (KLD)	Waste water generation (KLD)
Resident	7,344	86	632	478	154	
Staff	338	45	15	8	7	
Visitors (club, commercial & dispensary)	3,041	15	46	15	31	
School	600	45	27	15	12	
Visitor tower	735	15	11	4	7	
Subtotal	12058 nos.		731 KLD	520 KLD	211 KLD	
Waste water				416 KLD	211 KLD	627 KLD
Swimming pool and water body			50			NIL
Cooling			10			2
Misc			3			2
Filter backwash			25			20
Gardening			62			NIL
TOTAL			881 KLD			651 KLD

The project proponent requested to amend the environmental clearance dated 30/09/2019 as per above project details.

**RESOLUTION AGAINST AGENDA NO-10**

The committee discussed the matter and recommended to amend the environmental clearance letter no. 287/Parya/SEAC/4331-4916/2019 dated 30/09/2019 as per above project details. The committee also directed the project proponent that all the contents mentioned in Environmental Clearance letter no. 287/Parya/SEAC/4331-4916/2019 dated 30/09/2019 shall remain same.

**11. Expansion of existing molasses based distillery from 45 KLD TO 65.3 KLD (RS/ENA/AA) along with power plant from 1.4 MW TO 2 MW at Khasra No.-634, 634 M, 633, 631, 627, 626, 624 partly, 622, Village-Rohana Mill, Block-Charthawal, Muzaffarnagar., Shri Vishal Sonak, M/s Indian Potash Ltd. File No. 5764/5646/Proposal No. SIA/UP/IND2/189106/2020**

The committee noted that the environmental clearance for the earlier proposal was issued by SEIAA, U.P. vide letter no. 395/Parya/SEAC/5764-5646/2019 dated 14/10/2020. The project proponent through letter dated 09/12/2020 informed that due to typographical error the name of the villages was typed as Rohana Mill instead of Village-Bahedi. Hence, they applied for amendment in environmental clearance letter dated 30/09/2019 through online portal on 21/012/2020.

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

1. Details of proposed amendment in environmental clearance letter dated 14/10/2020:

Earlier Name with address	New Name with address
M/s Indian Potash Limited (Distillery – Unit), Rohana Kalan, P.O. Rohana Mill, Block Charthawal, Tehsil Muzaffarnagar, District-Muzaffarnagar, U.P.	M/s Indian Potash Limited (Distillery – Unit), Rohana Kalan, Village-Bahedi, P.O. Rohana Mill, Block Charthawal, Tehsil Muzaffarnagar, District-Muzaffarnagar, U.P.

The project proponent requested to amend the environmental clearance dated 14/10/2020 as per above project details.

**RESOLUTION AGAINST AGENDA NO-11**

The committee discussed the matter and recommended to amend the environmental clearance letter no. 395/Parya/SEAC/5764-5646/2019 dated 14/10/2020 as per above project details. The committee also directed the project proponent that all the contents mentioned in Environmental Clearance letter no. 395/Parya/SEAC/5764-5646/2019 dated 14/10/2020 shall remain same.

**12. Hi-tech Township at Village-Kali Paschim, Maati, Ali Nagar Khurd, Ashraf Nagar and Ahamad Nagar, Raibareli Road, District- Lucknow, U.P., Shri Deepak Kumar Gupta, M/s Garv Buildtech Pvt. Ltd. File No. 606/Proposal No. SIA/UP/MIS/190245/2020**

A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The amendment is sought for Environmental Clearance of "Hi-Tech Township" At Village-Kali Paschim, Maati, Ali Nagar Khurd, Ashraf Nagar And Ahamad Nagar, Raibareli Road, Lucknow, Uttar Pradesh By M/s Garv Buildtech Pvt. Ltd.
2. Earlier, Environment clearance was granted to the project vide letter no. 1274/PARYA/SEAC/606/2010 dated 02/06/2011 and extension of validity as granted vide letter no. 328/parya/SEAC/606/2018 dated 20<sup>th</sup> August 2018 and 434/parya/SEAC/606/2019 dated 15 October 2020 which is valid up to 31.05.2021 for plot area 2700 acres and built up area 1,49,69,262.41 m<sup>2</sup>
3. Amend of EC from Plot Area 2700 acres and built up area 1,49,69,262.41 m<sup>2</sup> to Plot area 530.61 Acres as per revised approved (area development) plan of DA 1.
4. Comparative details of earlier environmental clearance and proposed amendment:

S.NO.	PARTICULARS	As per Previous EC	As per Revised Proposal
1	Total Plot Area	2700 Acres	530.61 Acres
2	Builtup Area	1,49,69,262.41 m <sup>2</sup>	-
3	Total Population	4,13,296	2,54,051
4	No. of dwelling units	11,168	-

5. Area details of the project

S.NO.	DESCRIPTION		Revised DA 1 (530.61 Acres)
1	RESIDENTIAL	PLOTTED	150.43
		GROUP HOUSING	45.44
		EWS & LIG	22.36
		SUB TOTAL	218.24
2	COMMERCIAL	COMMERCIAL	53.06
		SUB TOTAL	53.06
3	PUBLIC-SEMI PUBLIC	PUBLIC-SEMI PUBLIC	48.08
		SUB TOTAL	48.08
4	RECREATIONAL	RECREATIONAL	11.47
		SUB TOTAL	11.47
5	GREEN	GREEN	79.94
		SUB TOTAL	79.94
6	ROAD	ROAD	119.83
		SUB TOTAL	119.83
		ALL TOTAL	530.61

**6. Population & Solid wastes Details:**

Head	Population	Solid Waste (TPD)	Organic Waste (TPD)
Residential Population	102900	51.5	30.9
Working Population	58163	11.6	4.7
Visitors	92988	9.3	3.7
	Acres		
Green Area	80	1.20	1.2
Total		74	40.4

**7. Water requirement details:**

S. No.	Heads	Quantity
1	Total water demand	17904 KLD
2	Fresh water requirement	11180 KLD
3	Treated water requirement	6724 KLD
4	Waste water generation	15667 KLD
5	STP capacity	18800 KLD
6	Surplus treated water	5460 KLD

The project proponent requested to amend the environmental clearance dated 02/06/2011 as per above project details.

**RESOLUTION AGAINST AGENDA NO-12**

The committee discussed the matter and recommended to amend the environmental clearance letter no. 1274/PARYA/SEAC/606/2010 dated 02/06/2011 as per above project details. The committee also directed the project proponent that all the contents mentioned in Environmental Clearance letter no. 1274/PARYA/SEAC/606/2010 dated 02/06/2011 shall remain same.

**13. Commercial Complex "Downtown" at Plot No.- 01/B, Block- C, Sector-98, Noida., Shri Gurmeet Singh Sikka. File No. 640/Proposal No. SIA/UP/MIS/189248/2020****RESOLUTION AGAINST AGENDA NO-13**

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

**14. जिला सहारनपुर में मेसर्स ग्रीन ली इन्वायरमेंटल सॉल्यूशन के द्वारा CBWTF के स्थापना के सम्बन्ध में श्री ब्रह्मपाल सिंह पप्पू उर्फ कल्याण, ग्राम-अम्बेहता चांद, रामपुर मनिहारन, सहारनपुर के शिकायती पत्र, दिनांक 16.12.2020 पर विचार-विमर्श। File No.-5507**

The Secretariat informed the committee that Shri Brahmpal Singh Pappu, Village-Ambehta Chand, Tehsil-Rampur Maniharan, District-Saharanpur vide letter dated 16/12/2020 sent a complaint regarding Common Biomedical Waste Treatment Facility at Ambehta Chand, Tehsil-Rampur Maniharan, Saharanpur, U.P., M/s Greenlee Environmental Solutions. The complainant informed that M/s Greenlee Environmental Solutions got the terms of reference dated 30/06/2020 in Khasra no. 433, but in public hearing the khasra no. of the project is mentioned as 220. M/s Greenlee Environmental Solutions hide the fact and submitted the wrong information regarding khasa no. of the project. The complainant requested to take necessary action in this regard.

The committee observed that M/s Greenlee Environmental Solutions vide letter dated 29/12/2020 informed that the terms of reference for the Common Biomedical Waste Treatment Facility at Ambehta Chand,



Tehsil-Rampur Maniharan, Saharanpur, U.P., M/s Greenlee Environmental Solutions issued by SEIAA, U.P. vide letter no. 160/Parya/SEAC/5507/2019 dated 30/06/2020 and the khasra no. of the project is mentioned as 433 instead of 220 due to typographical error. The project proponent requested to correct the khasra no. in TOR dated 30/06/2020.

**RESOLUTION AGAINST AGENDA NO-14**

The committee went through the file and documents and found that due to typographical error the khasra no. of the project is mentioned as 433 instead of 220. Hence, the TOR letter dated 30/06/2020 should be amended accordingly and the complaint of Shri Brahmpal Singh Pappu is disposed.

**15. जिलाधिकारी, बदायूं के पत्र संख्या-1059/ख0अनु0/354/2017, दिनांक 30.12.2020 के माध्यम से प्रस्तुत सैण्ड/मोरम माइनिंग प्रकरण पत्रावली संख्या-4250, के सम्बन्ध में प्रस्तुत फैक्चुअल रिपोर्ट पर विचार-विमर्श।**

The committee noted that the matter was earlier discussed in 507<sup>th</sup> SEAC meeting dated 02/12/2020 and directed as follows:

“The committee went through the letter dated 09/10/2020 of Shri Madan Singh Negi and opined that the letter should be sent to District Magistrate, Badaun for providing the factual report regarding availability of sand/morram at the mining site within one month. The copy of the letter should also be sent to Department of Geology and Mining, Lucknow and Shri Madan Singh Negi for information and necessary action.”

District Magistrate, Badaun provide the factual report to the Directorate vide letter dated 30/12/2020. As per factual report received from DM, Badaun dated 30/12/2020 the lease area is completely submerged, the environmental clearance for the project is not recommended. The committee also directed to close the file no. 4250.

**16. Building Stone (Sand Stone) Mining at Araj No.-547, at Village- Bhojpur Pahari, Tehsil-Sadar, District- Mirzapur, U.P., Area -0.607 ha. File No. 5758/Proposal No. SIA/UP/MIN/133541/2019**

The committee noted that the matter was earlier discussed in 484<sup>th</sup> SEAC meeting dated 17/08/2020 and directed the project proponent to submit following information:

1. Revised cluster certificate on prescribed format.
2. Plan for controlling of dust during blasting should be provided as the railway station is 1.5 km from the site.
3. The presentation should be revised in terms of top soil mentioned in the project proposal.

The matter was again listed in 510<sup>th</sup> SEAC meeting dated 10/12/2020 and the SEAC not satisfied with the reply submitted by the project proponent. The committee directed the project proponent to submit complete information regarding the project.

The project proponent submitted their replies vide letter dated 04/01/2021. Hence, the matter was listed in 519<sup>th</sup> SEAC meeting dated 06/01/2021. A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. The proponent, through the documents submitted and the presentation made informed the committee that: -

1. The environmental clearance is sought for Building Stone (Sand Stone) Mining at Araj No-547, Village- Bhojpur Pahadi Tehsil- Sadar, District- Mirzapur, U.P..M/s Manish Stone Works (Leased Area -0.607 Ha).
2. Salient features of the project as submitted by the project proponent:

1	On Line Proposal No.	SIA/UP/MIN/133541/2019		
2	File No. allotted by SEIAA, UP	5758		
3	Name of Proponent	Shri Suresh Kumar Gupta S/o Late Shri Lalchand Gupta		
4	Full correspondence address of proponent and mobile no.	Shri Suresh kumar Gupta R/o-H.No' 9/35-X-57,Sant Gopalnagar, BadiPatiya, Bajardiha ,District-Varanasi (U.P)		
5	Name of Project	Area-0.607 Ha for Building Stone (Sandstone) Mining at Araj No-547, Village- BhojpurPahadi Tehsil- Sadar, District- Mirzapur, U.P. M/s Manish Stone Works		
6	Project Location(Plot.Khsra/Gata No.)	Araj No-547		
7	Name of Village	BhojpurPahadi		
8	Tehsil	Sadar		
9	District	Mirzapur		
10	Name of Minor Mineral	Building Stone (Sandstone )Mining		
11	Sanctioned Lease Area (in Ha.)	0.607 Ha.		
12	Max. & Min mRL within lease area	90.0 mRL& 84.0mRL		
13	Pillar Coordinates (Verified by DMO)	Point	Latitude	Longitude
		A	25°6'18.10" N	82°43'42.11" E
		B	25°6'17.34" N	82°43'43.79" E
		C	25°6'13.87" N	82°43'42.23" E
		D	25°6'14.55" N	82°43'40.53" E
14	Total Geological Reserves	2,81,436 m <sup>3</sup> /Annum		
15	Total Mineable Reserve in L.O.I	6,070 m <sup>3</sup> /Annum		
16	Total Proposed Production in LOI	6,070 m <sup>3</sup> /Annum		
17	Total Proposed Production in 20 year	6,070*20 =1,21,400 m <sup>3</sup>		
18	Sanctioned Period of Mine lease	20 Years		
19	Production of mine/day	20 m <sup>3</sup> /Day		
20	Method of Mining	Open cast Manual / Semi Mechanized Mining Method		
21	No. of working days	300 Days		
22	Working hours/day	8 Hours		
23	No. of worker	24 Workers		
24	No. of vehicles movement/day	2 Trucks/Day		
25	Type of Land	(Govt. Land)		
26	Ultimate of Depth of Mining	6.0 m		
27	Nearest metalled road from site	1.5 Km		
28	Water Requirement	PURPOSE	REQUIREMENT (KLD)	
		Drinking	0.24	
		Suppression of dust	14.40	
		Plantation	1.20	
		Others (if any)		
		Total	<b>15.84 KLD (Approx. 16 KLD)</b>	

29	Name of QCI Accredited Consultant with QCI No and period of validity.	Ind Tech House Consult QCI No.- NABET/EIA/1821/RA0098 Period of Validity- 31-01-2021
30	Any litigation pending against the project or land in any court	No
31	Details of 500 m Cluster Map & Certificate verified by Mining Officer	Letter No 1122, Date-09.09.2019
32	Details of Lease Area in approved DSR	Yes (Page No: 13, &Sr, No: 74)
33	Proposed CER cost	1.16 Lac
34	Proposed EMP cost	14.81 Lac
35	Length and breadth of Haul Road	1200 m Length & 6m width haulage road
36	No. of Trees to be Planted	15Trees

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time
4. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
5. There is no litigation pending in any court regarding this project

**RESOLUTION AGAINST AGENDA NO-16**

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

**17. Diaspore-Pyrophyllite Mining at Khasra No.-1340, 1344, 1345, 1339, 1328, and BawalTanda 421, 422, at Village- Palar, Bewal&Tanda, Tehsil-Jhansi., Shri Harsh Kochar, M/s J.K. Minerals., Area:72.50 Ha). File No. 5943/5030/Proposal No. SIA/UP/MIN/57445/2019**

The committee noted that the was earlier discussed in 429<sup>th</sup> SEIAA meeting dated 23/12/2020 and directed as follows:

“SEIAA noted that SEAC has recommended to grant EC to the above project. SEIAA gone through file and documents and found that in mining plan 39 pillar coordinates have been mentioned whereas SEAC has recommended only 10 pillar coordinates. Further in the minutes, it is mentioned that lease is valid upto 2014. Hence SEIAA opined to refer back the project to SEAC for review/comments.”

As per the direction of SEIAA, the matter was listed in 519<sup>th</sup> SEAC meeting dated 06/01/2021. The project proponent vide letter dated 05/01/2021 informed that due to typographical error, the coordinates are wrongly mentioned in the application. They have submitted the corrected geo-coordinates of the project and letter no. 2632/86-2014-5(214)/93 TC dated 05/12/2014 issued by Principal Secretary, Govt. of U.P. through which they have extended the mine lease period for the 20 years i.e. 28/01/2004 to 27/01/2024.

The committee went through the file and documents and found the reply is in order. Hence, the committee again recommended to grant the environmental clearance along with general and specific conditions earlier stipulated in 506<sup>th</sup> SEAC meeting dated 01/12/2020 with following geo-coordinates:

<b>Pillar No.</b>	<b>N</b>	<b>E</b>
A	25°32'10.76"N	78°40'42.84"E
P1	25°32'8.61"N	78°40'44.27"E
P2	25°32'6.51"N	78°40'45.63"E
P3	25°32'4.63"N	78°40'46.87"E
P4	25°32'2.58"N	78°40'48.24"E
B	25°32'1.25"N	78°40'49.10"E
P5	25°31'59.46"N	78°40'46.84"E
P6	25°31'56.70"N	78°40'43.25"E
P7	25°31'54.38"N	78°40'40.31"E
P8	25°31'51.90"N	78°40'37.07"E
P9	25°31'48.80"N	78°40'33.08"E
P10	25°31'45.97"N	78°40'29.54"E
P11	25°31'42.83"N	78°40'25.34"E
P12	25°31'39.67"N	78°40'21.33"E
P13	25°31'36.87"N	78°40'17.69"E
P14	25°31'34.14"N	78°40'14.15"E
P15	25°31'32.61"N	78°40'12.15"E
P16	25°31'30.93"N	78°40'9.98"E
P17	25°31'29.09"N	78°40'7.62"E
P18	25°31'27.31"N	78°40'5.33"E
P19	25°31'25.38"N	78°40'2.80"E
P20	25°31'22.09"N	78°39'58.61"E
C	25°31'19.10"N	78°39'54.70"E
P21	25°31'20.26"N	78°39'53.62"E
P22	25°31'21.91"N	78°39'52.10"E
P23	25°31'23.63"N	78°39'50.51"E
P24	25°31'26.31"N	78°39'48.03"E
D	25°31'28.50"N	78°39'46.00"E
P25	25°31'32.16"N	78°39'50.86"E
P26	25°31'34.82"N	78°39'54.52"E
P27	25°31'38.72"N	78°39'59.77"E
P28	25°31'41.30"N	78°40'3.26"E
P29	25°31'44.26"N	78°40'7.28"E
P30	25°31'47.10"N	78°40'11.02"E
P31	25°31'49.86"N	78°40'14.76"E
P32	25°31'52.75"N	78°40'18.73"E
P33	25°31'56.17"N	78°40'23.26"E
P34	25°31'58.90"N	78°40'26.90"E
P35	25°32'1.08"N	78°40'29.93"E

P36	25°32'3.31"N	78°40'32.87"E
P37	25°32'5.52"N	78°40'35.79"E
P38	25°32'7.45"N	78°40'38.39"E
P39	25°32'9.32"N	78°40'40.97"E

**(Dr. Virendra Misra)**  
**Member**

**(Dr. Pramod Kumar Mishra)**  
**Member**

**(Dr. Ranjeet Kumar Dalela)**  
**Member**

**(Shri Meraj Uddin)**  
**Member**

**(Dr. Ajoy Mandal)**  
**Member**

**(Shri Rajiv kumar)**  
**Member**

**(Dr. Sarita Sinha)**  
**Member**

**(Dr. (Prof.) S. N. Singh)**  
**Chairman**

**Annexure-1**

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

**A. General Conditions:**

1. This environmental clearance is subject to allotment of mining lease in favour of project proponent by District Administration/Mining Department.
2. Forest clearance shall be taken by the proponent as necessary under law.
3. Any addition of the mining area, change of Khasra numbers, enhancement of capacity, change in mining technology, modernization and scope of working shall again required prior environmental clearance as per EIA notification, 2006.
4. No change in the calendar plan including excavation, quantum of mineral and waste shall be made.
5. Mining will be carried out as per the approved mining plan. In case of any violation of mining plan, the Environmental Clearance given by SEIAA will stand cancelled.
6. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for RSPM, SPM, SO<sub>2</sub>, NO<sub>x</sub> monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board. The monitored data for criteria pollutants shall be regularly up loaded on the company's website and also displayed at website.
7. Data on ambient air quality (RPM, SPM, SO<sub>2</sub>, NO<sub>x</sub>) should be regularly submitted to the Regional office, MoEF, GoI, Lucknow and the State Pollution Control Board / Central Pollution Control Board once in six months.
8. Ambient air quality at the boundary of the mine premises shall conform to the norms prescribed in MoEF notification no. GSR/826(E) dt. 16.11.09.
9. Fugitive dust emissions from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.
10. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with ear plugs / muffs and health records of the workers shall be maintained.
11. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluents.
12. Personnel working in areas shall be provided with protective respiratory devices like mask and they shall also be imparted adequate training and information on safety and health aspects.
13. Special measures shall be adopted to prevent the nearby settlements from the impacts of mining activities.
14. The transportation of the materials shall be limited to day hours time only.
15. Provision shall be made for the housing the labourers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
16. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
17. The Project Proponent shall inform to the Regional Office, MoEF, GoI, Lucknow and State Pollution Control Board regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
18. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the MoEF, GoI, Lucknow and State Pollution Control Board

19. The Regional Office, MoEF, GoI, Lucknow and State Pollution Control Board shall monitor compliance of the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan, Public hearing and other documents information should be given to Regional Office of the MoEF, GoI, Lucknow and State Pollution Control Board
20. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat and Municipal Bodies as applicable in the matter.
21. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Level Environment Impact Assessment Authority (SEIAA).
22. The Project Proponent has to submit half yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the SEIAA, U.P. on 1st June and 1st December of each calendar year.
23. The SEIAA may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
24. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

**B. Specific Conditions:**

1. At the time of operation, project proponent will comply with all the guidelines issued by Government of India/State Govt./District Administration related to Covid-19.
2. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
3. In case it has been found that the E.C. obtained by providing incorrect information, submitting that the distance between the two adjoining mines is greater than 500mt. and area is less than 05ha, but factually the distance is less than 500 mt and the mine is located in cluster of area equal or more than 05ha, the E.C issued will stand revoked.
4. This environmental clearance shall be subject to valid lease in favour of project proponent for the proposed mining proposals. In case, the project proponent does not have a valid lease, this environmental clearance shall automatically become null and void.
5. The Environmental clearance will be co-terminus with the mining lease period/Mining Plan.
6. Explosive cannot be stored on the site.
7. A comprehensive EIA including mining areas within 15 K.M. to assess impact of the mining activity on the surrounding area shall be undertaken and report submitted to this Authority within one year.
8. No two pits shall be simultaneously worked i.e. before the first is exhausted and reclamation work completed, no mineral bearing area shall be worked.
9. After exhausting the first mine pit and before starting mining operations in the next pit, reclamation and plantation works in the exhausted pit shall be completed so as to ensure that reclamation, forest cover and vegetation are visible during the first year of mining operations in the next pit. This process will follow till the last pit is exhausted. Adequate rehabilitation of mined pit shall be completed before any new ore bearing area is worked for expansion.
10. Adequate buffer zone shall be maintained between two consecutive mineral bearing deposits.
11. Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
12. Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agriculture Department. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. The company shall involve local people for plantation programme. Details of year wise afforestation programme including rehabilitation of mined out area shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow every year.
13. Blast vibrations study shall be conducted and a observation report submitted to the Regional office, MoE&CC, GoI, Lucknow and UPPCB within six months. The report shall also include measures for prevention of blasting associated impact on nearby houses and agricultural fields.

14. Controlled blasting techniques with sequential blasting shall be adopted. The blasting shall be carried out in the day time only.
15. Appropriate arrangement for shelter and drinking water for the mining workers has to be ensured at the mining site.
16. Maintenance of village roads used for transportation of minerals are to be done by the company regularly at its own expenses. The roads shall be black topped.
17. Rain water harvesting shall be undertaken to recharge the ground water source.
18. Status of implementation shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow and UP Pollution Control Board within six months and thereafter every year from the next consequent year.
19. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
20. Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geo textile matting or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.
21. Trenches / garland drains shall be constructed at foot of dumps and coco filters installed at regular intervals to arrest silt from being carried to water bodies. Adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs, if any flowing through the ML area and silts arrested. De- silting at regular intervals shall be carried out.
22. Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and for waste dump and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de- silted at regular intervals.
23. Ground and surface water, if any in and near the core zone (within 5.0 km of the lease) shall be regularly monitored for contamination and depletion due to mining activity and records maintained. The monitoring data shall be submitted to the Regional Office, MoEF, GoI, Lucknow and U.P. Pollution Control Board regularly. Further, monitoring points shall be located between the mine and drainage in the direction of flow of ground water shall be set up and records maintained.
24. Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records submitted to the Regional Office, MoEF&CC, GoI, Lucknow and U.P. Pollution Control Board regularly.
25. Baseline data for ambient air quality shall be generated and maintained and RSPM level in ambient air in the nearby human habitation (villages) shall also be monitored along with other parameters.
26. Corporate Environmental Responsibility (CER) shall be by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. Work to be executed with installation of five hand pumps for drinking water, solar light in villages of streets, construction of two numbers of toilets at the primary school with name displayed and address and details of beneficiary and gram pradhan along with phone number, photographs should be submitted to Directorate as well as to the District magistrate / Chief Development officers.
27. Transportation of minerals shall be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of mineral/dust takes place.
28. Occupational health and safety measures for the workers including identification of work related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust etc. shall be carried out. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including health records of the workers. Awareness programme for workers on impact of mining on their health and precautionary measures like use of personal equipments etc. shall be carried out periodically. Review of impact of various health measures shall be conducted followed by follow up action wherever required.



29. The project proponent will ensure for providing employment to local people as per requirement, necessary protection measures around the mine pit and waste dump and garland drain around the mine pit and waste dump.
30. Top soil / solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation of mined out area. Top soil shall be separately stacked for utilization later for reclamation and shall not be stacked along with over burden.
31. Over burden (OB) shall be stacked at earmarked dump site(s) only and shall not be kept active for long period. The maximum height of the dump shall not exceed 20 m, each stage shall preferably be of maximum 10 m and overall slope of the dump shall not exceed 35°. The OB dump shall be backfilled. The OB dumps shall be scientifically vegetated with suitable native species to prevent erosion and surface run off.
32. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self sustaining. Compliance status shall be submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow and U.P. Pollution Control Board on six monthly basis.
33. Slope of the mining bench and ultimate pit limit shall be as per the mining scheme approved by Indian Bureau of Mines.
34. Permission for abstraction of ground water shall be taken from Central Ground Water Board. Regular monitoring of ground and surface water sources for level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring shall be carried out four times in a year i.e. pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected shall be regularly sent to MoEF&CC, Central Ground Water Authority and Regional Director, Central Ground Water Board.
35. The waste water from the mine shall be treated to conform to the prescribed standards before discharging in to the natural stream. The discharged water from the Tailing Dam, if any shall be regularly monitored and report submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow, Central Pollution Control Board and the State Pollution Control Board.
36. Hydro geological study of the area shall be reviewed by the project proponent annually. In case adverse effect on ground water quality and quantity is observed mining shall be stopped and resumed only after mitigating steps to contain any adverse impact on ground water is implemented.
37. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of minerals and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. The vehicles transporting minerals shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the course of transportation. No overloading of minerals for transportation shall be committed. The trucks transporting minerals shall not pass through wild life sanctuary, if any in the study area.
38. Prior permission from the Competent Authority shall be obtained for extraction of ground water, if any.
39. A final mine closure plan, along with details of Corpus Fund, shall be submitted to the Regional office, Ministry of Environment & Forests, GoI, Lucknow and U.P. Pollution Control Board 5 years in advance of final mine closure for approval.
40. Project Proponent shall explore the possibility of using solar energy where ever possible.
41. Commitment towards CER has to be followed strictly.
42. Regular health check-up record of the mine workers has to be maintained at site in a proper register. It should be made available for inspection whenever asked.
43. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB and other Govt. Agencies from time to time.
44. The blasting will be done only after getting the permission from the Mining Department.