

**Ministry of Environment, Forest and Climate Change, Northern Regional Office,
Chandigarh-160030**

*Compliance report on conditions imposed in Environmental Clearance for period
ending 31.03.2020*

Part A - Specific conditions

- I. Pre-Construction Phase**
- II. Construction Phase:** Not applicable, as project is in operational phase.
- III. Operation Phase and Entire Life**

| S. No. | Compliance conditions | Compliance Reply |
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| i. | “Consent to Operate” shall be obtained from Punjab Pollution Control Board under Air (Prevention & Control of Pollution) Act, 1981 and Water (Prevention & Control of Pollution) Act, 1974 and a copy of the same shall be submitted to the Ministry of Environment & Forests/ State Level Environment Impact Assessment Authority at the time of start of operation. | Agreed. Renewal of Consent to Operate has been obtained from PPCB vide Certificate No. CTOA/Renewal/SAS/2020/13678339 under Air Act and CTOW/Renewal/SAS/2020/13678381 under Water Act dated 16/12/2020 and valid till 31/03/2021; copy of the same is attached as Annexure 1. |
| ii. | The total water requirement for the project will be 365 KL/day, out of which 245 KL/day shall be met through own tube well and remaining 95 KL/day through recycling of treated wastewater. | Agreed. The total water requirement of the project is 365 KLD which is being met through own bore wells. |
| iii. | a) The total wastewater generation from the project will be 272 KL/day, which will be treated in a separate two STPs i.e. capacity 150 KLD based on MBBR technology or better technology to be installed within the project premises. Both of the STPs shall be provided on the basis of module system so as to accommodate the lesser effluent receipts during the initial phase of lower occupancy. As proposed, reuse of treated wastewater and discharge of surplus treated wastewater shall be as per the details mentioned under the salient features: | Agreed. The same is being complied. |

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| iv. | S. No. | Season | For Flushing purposes (KLD) | Green area 4495 sqm (KLD) | into MC Sewer (KLD) | |
| | 1. | Summer | 95 | 25 | 125 | |
| | 2. | Winter | 95 | 09 | 141 | |
| | 3. | Rainy | 95 | 02 | 148 | |
| | b) Storage tank of adequate capacity shall be provided for the storage of treated wastewater and all efforts shall be made to supply the same for construction purposes. | | | | | |
| v. | The project proponent shall ensure safe drinking water supply to the habitants. | | | | | Agreed. The individual flat owners have installed their own RO system. |
| vi. | The wastewater generated from swimming pool(s) shall not be discharged and the same shall be reused within the premises for purposes such as horticulture, HVAC etc. | | | | | Agreed. Treated wastewater is being used for horticulture purpose onto green area and excess is being discharged into MC sewer. |
| vii. | A proper record regarding groundwater abstraction, water consumption, its reuse and disposal shall be maintained on daily basis and shall maintain a record of readings of each such meter on daily basis. | | | | | Agreed. Water meter is being provided at the submersible pump and STP outlet. Record of the same is being maintained and is being checked by CGWA and PPCB officials during their respective visits. |
| viii. | Rainwater harvesting/ recharging systems shall be operated and maintained properly as per CGWA guidelines and maintenance schedule submitted by the project proponent. | | | | | Agreed. 4 rain water recharging pits of size 8m x 4m has been provided at suitable pockets with dual bore. Thus, total 8 number of rain water recharging pits have been provided. The rain water recharging plan is implemented as per the duly Signed Approved Report on RWH & Artificial Recharge to Ground Water of Regional Director of CGWB, Chandigarh. |
| ix. | The facilities provided for collection, segregation, handling, on site storage & processing of solid waste such as chute system, wet & dry bins, collection centre & mechanical composter etc. shall be properly maintained. The collected solid waste shall be segregated at site. The recyclable solid waste shall be sold out to the authorized vendors for which a written tie-up must be done with the authorized recyclers. Organic waste shall be composted by mechanical composters with a minimum capacity of 0.3kg/tenement/day and the inert solid waste shall be sent to the | | | | | Agreed. Solid waste is being collected from door to door. The collection, segregation and disposal of the solid waste is being done as per the Solid Waste Management Rules, 2016. However, no Mechanical Composter has been installed and neither separate chute system has been provided for dry and wet waste, as no such condition exists in the Building Approval & Sanction Plans by the Municipal Council, Zirakpur. Also, Assurance letter has been obtained from MC, Zirakpur regarding the solid |

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| | concerned collection centre of integrated municipal solid waste management facility of the area. A proper record in this regard shall be maintained. | waste collection and disposal; copy of the same is attached as Annexure 2 . Further, Completion/ Occupation Certificate have also been obtained from Municipal Council, Zirakpur vide Letter No. 3756, dated: 18.02.2020; copy of the same is enclosed as Annexure 3 . |
| x. | Hazardous waste/E-waste should be disposed of as per Rules applicable and with the necessary approval of the Punjab Pollution Control Board. | Since, it is a housing project. Thus, no major hazardous waste or biomedical waste is being produced except spent oil of DG sets which is being given to PPCB approved recyclers. |
| xi. | Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized. | Agreed. Adequate parking space has been provided within the project premises. Entry and Exit point are so designed that there is no traffic congestion. Photographs showing the parking area is enclosed as Annexure 4 . |
| xii. | The project proponent before allowing any occupancy shall obtain completion and occupancy certificate from the Competent Authority and submit a copy of the same to the SEIAA, Punjab. | Agreed. Completion/ Occupation Certificate have also been obtained from Municipal Council, Zirakpur vide Letter No. 3756, dated: 18.02.2020; copy of the same is enclosed as Annexure 3 . |
| xiii. | The green belt along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use. | Agreed. Adequate green belt is provided along the boundary and inside the premises to keep the environment safe. Photographs showing the green area provided within the project premises and along the boundary are attached at Annexure 4 . |
| xiv. | Solar power plant and other solar energy related equipment shall be operated and maintained properly. | Solar lights have been provided on the path ways and being maintained properly. |
| xv. | A report on the energy conservation measures conforming to energy conservation norms should be prepared incorporating details about machinery of air conditioning, lifts, lighting, building materials, R & U Factors etc. and submitted to the respective Regional office of MoEF&CC, the Zonal Office of CPCB and the SPCB/SEIAA in three months time. | The maximum possible energy saving scheme is being adopted. LED lights have been provided in the common areas. |

Part B. General Conditions:

- I. Pre-Construction Phase**
II. Construction Phase: Project is in operational phase.
III. Operation Phase and Entire Life

| S. No. | Conditions | Reply |
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| i. | <p>a) The entire cost of the environmental management plan will continue to be borne by the project proponent until the responsibility of environmental management plan is transferred to the occupier/ residents society under proper MOU under intimation to SEIAA, Punjab. The project proponent shall spend minimum amount as proposed in the EMP.</p> <p>b) 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, regarding Corporate Environment Responsibility (CER).</p> | <p>The budgetary details for activities undertaken under environment management plan is enclosed as Annexure 5.</p> <p>Rs. 22.05 lakhs have been spent under Remediation Plan and Natural and Community Resource Augmentation Plan. The details of the activities undertaken are given below:</p> <ul style="list-style-type: none">• Rs. 7.50 lakhs for construction of rain water harvesting works at Guruduwara Shri Guru Singh Sabha, Lohgarh, Zirakpur dated 12.03.2020.• Rs.4.55 lakhs on Horticulture & Green Area Development works at Govt. Sr. Secondary School, Lohgarh, Zirakpur dated 21.08.2019.• Rs. 7.50 lakhs for Rain Water Harvesting works at Govt. Sr Secondary School, Lohgarh, Zirakpur dated 21.11.2019.• Rs. 2.50 lakhs for Horticulture & Green Area Development works at Govt. ITI, Derabassi at Zirakpur dated 21.08.2019. |
| ii. | <p>The diesel generator sets to be provided shall conform to the provisions of Diesel Generator Set Rules prescribed under the Environment (Protection) Act, 1986. The exhaust pipe of DG set if installed must be</p> | <p>Agreed. Diesel generator sets conform to the provisions of Diesel Generator Set Rules prescribed under the Environment (Protection) Act, 1986.</p> |

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| | minimum 10 m away from the building or in case it is less than 10 m away, the exhaust pipe shall be taken up to 3 m above the building. | |
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PART-C – Conditions common for all the three phases i.e. Pre-Construction Phase, Construction Phase and Operation Phase & Entire Life

| S. No. | Conditions | Reply |
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| i. | Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal, 2010. | No appeal has been done against this environmental clearance issued within 30 days' time. |
| ii. | A first aid room will be provided in the project during construction and operation of the project. | Agreed. First aid kit has been provided at Security Guards room at entrance of Rail Vihar Society. Photographs of the same is attached within the Annexure 4 . |
| iii. | Construction of the STP, solid waste, e-waste, hazardous waste, storage facilities tubewell, DG Sets, Utilities etc. earmarked by the project proponent on the layout plan, should be made in the earmarked area only. In any case the position/location of these utilities should not be changed later-on. | Agreed. These utilities has been provided in the earmarked area as per the layout plan. |
| iv. | The environmental safeguards contained in the application of the promoter/ mentioned during the presentation before State Level Environment Impact Assessment Authority/ State Expert Appraisal Committee should be implemented in letter and spirit. | Agreed. The environmental safeguards is being implemented in true spirit. |
| v. | Ambient air & noise levels should conform to prescribed standards both during day and night. Incremental pollution loads on the ambient air quality, noise especially during worst noise generating activities, water quality and soil should be periodically monitored during construction phase as well as operation & entire life phase as per the MoEF&CC guidelines and all the mitigation measures should be taken to | Agreed. The monitoring of ambient air and noise levels has been done and results are within the permissible limits. Test report are enclosed as Annexure 6 . |

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| | bring down the levels within the prescribed standards | |
| vi. | All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest (Conservation) Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, by project proponents from the other statutory bodies as applicable. The project proponent shall also obtain permission from the NBWL, if applicable. | Agreed. All necessary approvals have been obtained as and when required. Such as: <ul style="list-style-type: none"> • Renewal of Consent to Operate has been obtained from PPCB; copy of the same is attached as Annexure 1. • Assurance letter has been obtained from MC, Zirakpur regarding the solid waste collection and disposal; copy of the same is attached as Annexure 2. • NOC has been obtained from Fire Department; copy of the same is attached along as Annexure 7. • Structural Safety Certificate is attached along as Annexure 8. • CGWA NOC has been obtained; copy of the same is enclosed as Annexure 9. |
| vii. | The State Environment Impact Assessment Authority, Punjab reserves the right to add additional safeguards/ measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguards/ measures in a time bound and satisfactory manner. | All the necessary measures have been taken and implemented properly. However, the project is in process to hand over to Resident Welfare Association (RWA). Thus, the additional measures will be taken care by them in future. |
| viii. | A proper record showing compliance of all the conditions of environmental clearance shall be maintained and made available at site at all the times. | Agreed. Proper record showing compliance of all the conditions of environmental clearance is being maintained and is available at project at all times. |
| ix. | The project proponent shall also submit half yearly compliance reports in respect of the stipulated prior environmental clearance terms & conditions including results of monitored data (both in hard & soft copies) to the respective Regional office of MoEF, the Zonal Office of CPCB, the SPCB and SEIAA, Punjab on | Agreed. Six monthly compliance reports in respect of the stipulated prior environmental clearance terms & conditions including results of monitored data is being submitted to RO, MoEF&CC, Chandigarh and SEIAA, Punjab. |

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| | 1 st June and 1 st December of each calendar year. | |
| x. | Officials from the Regional Office of Ministry of Environment & Forests, Chandigarh/ State Level Environment Impact Assessment Authority/ State Level Expert Appraisal Committee/ Punjab Pollution Control Board who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/ data by the project proponents during their inspection. A complete set of all the documents submitted to State Environment Impact Assessment Authority should be forwarded to the APCCF, Regional Office of Ministry of Environment & Forests, Chandigarh. | Agreed. Full cooperation, facilities and data will be provided for the implementation of environmental safeguards to officials of statutory bodies during their inspection at project. |
| xi. | In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by State Environment Impact Assessment Authority. | Agreed. Fresh application will be submitted to SEIAA, Punjab, if any changes/expansion will be done. |
| xii. | Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project and decisions of any competent court, to the extent applicable. | Agreed. |
| xiii. | The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, SEIAA, Punjab the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels for all the parameters of NAAQM standards shall be monitored and displayed at a convenient location near the main gate of the company in the public domain. | Agreed. The Environment Clearance compliance will be uploaded on the website. Also, the display board has been provided at the suitable location near the main gate. |
| xiv. | The project proponent shall submit action plan specifying the timeline for completion of activities under Corporate | The Remediation Plan and Natural and Community Resource Augmentation Plan has already been submitted to |

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| | Social Environment Responsibility to the concerned Regional office of Punjab Pollution Control Board for the monitoring of the same, within 30 days from the date of issuance of the environmental clearance letter. | PPCB. |
| xv. | The inlet and outlet point of natural drain system should be maintained with adequate size of channel for ensuring unrestricted flow of water. The unpaved area shall be more than or equal to 20% of the recreational open spaces | Agreed. The inlet and outlet point of natural drain system are being maintained properly. |
| xvi. | Environmental Management Cell shall be formed during operation phase which will supervise and monitor the environment related aspects of the project. | Agreed. The project is in process to handover to Resident Welfare Association (RWA). Thus, the monitoring and supervision of environment related aspects will be taken care by Resident Welfare Association (RWA). |
| xvii. | The plantation should be provided as per SEIAA guidelines and as per notification dated 09.12.2016 issued by MoEF&CC, New Delhi. | Adequate green area has been provided within the project premises as per the approved plan by MC, Zirakpur. Photographs showing the green area are enclosed as Annexure 4 . |
| xviii. | The project proponent shall not use any chemical fertilizer/ pesticides/ insecticides and shall use only Herbal pesticides/ insecticides and organic manure in the green area. | Agreed. No chemical based fertilizer/ pesticides/ insecticides are being used on to the green area provided within the project premises. |