

## STATUS OF COMPLIANCE – ENVIRONMENTAL CLEARANCE

Six Monthly Report(April 2021 to September 2021)

### **SPECIFIC CONDITIONS - CONSTRUCTION PHASE**

| S. No. | Condition   | Status of compliance  |
|--------|---|---|
| 1      | “Consent for Establishment” shall be obtained from Tamil Nadu Pollution Control Board and a copy shall be submitted to the SEIAA before taking up of any construction activity at the site.                           | Consent for establishment has been obtained from TNPC Board vide its consent order no: 4790 & 4847 dated 04.03.2009 and copy of the same has been submitted to SEIAA.<br>Consent For Operation have been obtained vide consent order No. 1808112440926 and 1808212440926 dated 18.05.2018 and further renewed vide consent No.2008132000948 & 2008232000948dt. 24.06.2020<br>- Complied |
| 2      | All required sanitary and hygienic measures should be in place before starting construction activities and they have to be maintained throughout the construction phase.  | Required sanitary & hygienic measures have been provided and the same have been maintained throughout the construction phase.<br>- Complied   |
| 3      | A First Aid Room shall be provided in the project site during construction of the project.  | First Aid Centre have been provided in the construction site.<br>- Complied   |
| 4      | Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The safe disposal of waste water and solid wastes generated during the construction phase should be ensured. | Drinking water and sanitary facilities have been provided for the construction workers. We have provided solid waste collection bins and the collected solid waste are dumped in a safer space.<br>- Complied   |
| 5      | All the laborers to be engaged for construction should be screened for health and adequately treated before and during their employment on the work at the site.  | Pre-medical checkup for the construction workers have been carried out.<br>- Complied   |
| 6      | For disinfection of waste-water, system using ultra violet radiation shall be adopted.  | We have provided 400 KLD capacity of STP in our Campus. From the septic tank, sewage is connected to the STP for further treatment. Here, we have ultra violet radiation treatment.<br>- Complied   |
| 7      | For Solid-waste management, composting arrangements shall be provided for biodegradable waste at site.  | We have disposed the solid waste through municipal authorities during construction phase. We have also provided an Organic Waste Converter to compost the biodegradable waste into compost.<br>- Complied   |
| 8      | All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development   | About 1400 Cu.m of top soil has been stored separately and used for landscaping within project site.  |

| S. No. | Condition  | Status of compliance  |
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|        | within the project site.   |   |
| 9      | Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed of only in approved sites with the approval of competent authority with necessary precautions for general safety and health aspects of people. | We have existing STP with in the campus itself. No separate muck have been generated.   |
| 10     | Soil and ground water samples shall be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.   | We have purchased water from outside for our construction activities. Soil Test have been carried out and ground water samples are also tested.<br>- Complied |
| 11     | Construction spoils, including bituminous materials and other hazardous materials, must not be allowed to contaminate watercourses. The dump sites for such materials, must be secured so that they should not leach into the ground water.                                    | The hazardous materials like paint, oil were stored in a separate shed to avoid contamination.<br>- Complied  |
| 12     | Low sulphur diesel shall be used for the diesel generator sets to be used during construction phase. The air and noise emission shall conform to the standards prescribed in the Rules under the Environment (Protection) Act, 1986.   | No generator sets have been used in the construction site as a temporary connection has been availed from TNEB.   |
| 13     | Vehicles hired for bringing construction material to the site should be in good condition and should conform to air and nose emission standards, prescribed by TNPCB/CPCB. The vehicles should be operated only during non-peak hours.   | Vehicles used at the site were in good condition and emission tests were done regularly.  |
| 14     | Ambient air and noise level 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.   | Ambient Air Quality and noise level were maintained below the standards.  |
| 15     | Fly ash should be used as building material in the construction as per the provision of Fly ash notification of September, 1999 as amended in August, 2003   | Fly ash bricks / blocks were used for construction.<br>- Complied   |
| 16     | Ready mixed concrete must be used in building construction.  | Ready mix concrete was used in the construction.<br>- Complied  |
| 17     | Storm water control and its re-use shall be as per CGWB and BIS standards for various applications.  | Proper storm water network is provided with rain water harvesting structures has been provided for the entire campus.<br>- Complied                           |
| 18     | Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices  | Using ready mix concrete have reduced water demand during construction.<br>- Complied   |

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|--------|---|--|
|        | prevalent.  |  |
| 19     | Permission to draw water for construction should be obtained from the competent authority prior to construction of the project.   | We have purchased water from outside for our construction activities.<br>- Complied  |
| 20     | Separation of grey and black water should be done by the use of dual plumbing line for separation of gray and black water. The entire gray water i.e. 100% shall be treated by decentralized treatment.               | Grey and black water was separated using dual plumbing line to reuse the entire treated sewage from STP.<br>- Complied                             |
| 21     | The proponent shall adopt all safety precautionary measures during construction phase as furnished.   | All sort of safety equipments such as helmets, gum boots, safety belts, aprons, safety nets were provided.<br>- Complied                           |
| 22     | Fixtures for showers, toilet flushing and drinking water should be of low flow type by adopting the use of aerators/ pressure reducing devises/ sensor based control.   | Pressure reducing devices and sensor based control systems are provided for toilet flushing and showers to reduce water consumption.<br>- Complied |
| 23     | Use of glass may be reduced up to 40% to reduce electricity consumption and load on air conditioning. If necessary, high quality double glass with special reflecting coating in windows shall be used.               | The glass usage was reduced around 40% compare to other IT parks. High quality double glass with reflecting coating is provided.<br>- Complied     |
| 24     | Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.   | Roof is provided with Plaster of Paris coating to reduce the heat transfer.<br>- Complied  |
| 25     | Adequate measures to reduce air and noise pollution during construction shall be adopted, conforming with the norms prescribed by the TNPCB on noise limits.  | Adequate control measures were provided to maintain the Air and Noise pollution below the standards prescribed by the TNPCB.<br>- Complied         |
| 26     | Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code which is mandatory for all air conditioned spaces by use of appropriate thermal insulation material to fulfill requirement. | Opaque wall is provided with Plaster of Paris coating to reduce the heat transfer.<br>- Complied   |

## SPECIFIC CONDITIONS - OPERATION PHASE

| S. No. | Condition  | Compliance Status  |
|--------|--|--|
| 1      | The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be sent to the SEIAA before the project is commissioned for operation. The proponent shall not discharge treated sewage through deep well injection and the treated sewage shall be used for greenbelt development as committed. Discharge of treated sewage shall conform to the norms & standards prescribed by the Tamil Nadu pollution Control Board. | The Sewage Treatment Plant (STP) design report is certified by Govt. College of Technology, Coimbatore dated 01.08.2018 and copy of same has been submitted to SEIAA. The treated sewage is not being discharged through deep well injection. It is being utilized for green belt development which is after confirming the standards prescribed by TNPCB.<br>- Complied |
| 2      | For disinfection of waste-water, system using ultra violet radiation shall be adopted. The proponent shall mix the bore well water with treated sewage and utilize for gardening purpose as committed.   | The disinfection is being done using ultra violet radiation.<br>- Complied   |
| 3      | The unit shall furnish separate plan of action for disposal of treated sewage during monsoon.  | The treated sewage is being stored temporarily during monsoon and the same is being utilized during non-monsoon season.<br>- Complied  |
| 4      | Rain water harvesting for roof run-off and surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment with screens, settlers etc. must be done to remove suspended matter, oil and grease.   | Rain water harvesting systems are provided.<br>- Complied  |
| 5      | Permission to draw water for operation should be obtained from the competent authority prior to operation of the project.  | The copy of the agreement made with TWAD Board.<br>- Complied  |
| 6      | A first Aid Room shall be provided during operation of the project.  | Adequate no of first aid rooms are provided in the entire campus.<br>- Complied  |
| 7      | The domestic solid waste generated shall be properly collected, segregated & composted within the premises with respect to organic waste as committed.   | The domestic solid waste is being collected, segregated and deposited properly using Organic Waste Converter.<br>- Complied  |
| 8      | The STP sludge shall be composted along with other biodegradable solid waste and used as manure.   | STP sludge is being used as manure in green belt development.<br>- Complied  |
| 9      | The plastic wastes shall be segregated and disposed through recyclers.   | The plastic waste is being disposed to recyclers.<br>- Complied  |
| 10     | Any hazardous waste including biomedical waste shall be disposed off as per applicable rules & norms with necessary approval of the Tamil Nadu Pollution   | Hazardous waste like used oil is disposed to TNPCB authorized recyclers.<br>- Complied   |

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|        | Control Board.  |  |
| 11     | The acoustic enclosures shall be installed at all noise generating equipments such as DG sets, air conditioning system, etc. and the noise level shall be maintained as per MoEF/CPCB/TNPCB guidelines/norms both during day and night time.  | Acoustic enclosures are provided for DG sets and air conditioning system to maintain the noise levels below the standards.<br>- Complied |
| 12     | The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use. The open spaces inside the plot shall be suitably landscaped and covered with vegetation of suitable variety. | Adequate width of green belt is provided to attenuate the noise levels below the prescribed standards.<br>- Complied                     |
| 13     | Incremental pollution loads on the ambient air quality, noise and water quality shall be periodically monitored after commissioning of the project.   | Ambient air quality, noise and water quality is being monitored in a regular interval.<br>- Agreed                                       |
| 14     | Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating as committed. A hybrids system or fully solar system for a portion of the apartments shall be utilized.    | Solar lighting provision is made in common areas and internal roads. Solar water heaters are provided in hostels.<br>- Complied          |
| 15     | Traffic congestion near the entry and exit points from the roads adjoining the proposed projects site shall be avoided. Parking shall be fully internalized and no public space should be utilized.   | At any point of time no vehicles will be parked outside the premises.<br>- Complied  |
| 16     | A report on the energy conservation measures conforming to energy conservation norms prescribed by Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology; R & U factors etc and submitted to the SEIAA in three month's time.         | Energy Conservation measures report has been prepared and submitted to SEIAA.<br>- Complied  |
| 17     | The project proponent shall remove the sludge from the collection tank mechanically as committed.   | The sludge from the collection tank is removed mechanically by providing mechanical Filter press.<br>- Complied                          |


#### GENERAL CONDITIONS

| S. No. | Condition  | Status   |
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| 1      | It is mandatory for the Project proponent to furnish to the SEIAA, Half yearly compliance report in Hard and Soft copies on 1 <sup>st</sup> June and 1 <sup>st</sup> December of each calendar year in respect of the conditions | Half yearly compliance report in hard copy and soft copy is being submitted regularly.<br>- Agreed |

| S. No. | Condition   | Status  |
|--------|---|---|
|        | stipulated in the prior Environmental Clearance.  |   |
| 2      | In the case of any change(s) in the scope of the project, a fresh appraisal by the SEIAA shall be obtained.   | 3 Nos of additional buildings have been constructed without obtaining EC under EIA Notification 2006. In this regard a case has been filed by TNPCB in JM Court, Coimbatore vide case no. 202/2014. |
| 3      | The SEIAA reserves the right to add additional safeguard measures subsequently, if found necessary and to take action including revoking of the Environmental Clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.   | Agreed.   |
| 4      | All other statutory clearances such as the approvals for storage of diesel form Chief Controller of Explosive, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wild Life (Protection) Act, 1972, State/Central Ground Water Authority, Coastal Regulatory Zone Authority, other statutory and other authorities as applicable to the project shall be obtained by project proponent from the competent authorities.   | We have obtained all the necessary statutory clearances.<br>- Complied  |
| 5      | <p>The project proponent shall advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing the public that</p> <ol style="list-style-type: none"> <li>1. The project has been accorded Environmental Clearance.</li> <li>2. Copies of clearance letters are available with the Tamil Nadu Pollution Control Board.</li> <li>3. Environmental Clearance may also be seen on the website of the SEIAA.</li> </ol> <p>The advertisement should be made within 7 days form the date of issue of the clearance letter and a copy of the same shall be forwarded to the SEIAA.</p> | We have advertised in two local newspapers named The New Indian Express and Daily Thanthi on 13.08.2008 and copies are submitted to SEIAA.<br>- Complied  |
| 6      | All the stipulations stated under Part A and Part B above would be enforced in addition to the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006   | Agreed to comply  |

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| 7      | Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that Construction of the project has been started without obtaining Environmental Clearance, and for action for any violation of any condition stipulated in Part-A & Part-B of the Environmental Clearance. | 3 Nos of additional buildings have been constructed without obtaining EC under EIA Notification 2006. In this regard a case has been filed by TNPCB in JM Court, Coimbatore vide case no. 202/2014. |
| 8      | This 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.  | Agreed to comply  |
| 9      | This Environmental Clearance is valid for five years from the date of issue.   | Noted.  |

For KGISL TRUST



Authorised Signatory