

The Regional Officer,
Ministry of Environment, Forests & Climate Change,
Regional Office (SZ), Kendriya Sadan,
4th Floor, E & F Wing, 17th Main Road,
Koramangala II Block, Bangalore-560034.

Dt. 21.10.2023

Ref. :-Environmental Clearance vide No EC21A038KL164412, File No 21-96/2021-IA-III dated 24.12.2021

Sub. :-Compliance Report for the period of April 2023 to September 2023 – Construction of Shopping Mall along with MLCP building project at Nattakom Village, Kottayam –Submission– Reg.

Respected Sir,

This is in reference to the Environmental Clearance issued to the above referred project by Government of India Ministry of Environment, Forest and Climate Change (Impact Assessment Division).

In this connection, attached herewith is the Half yearly Compliance Report for the period April 2023 to October 2023. The documents are in with compliance report,24 pages and Annexures 1-20,40 pages.

The compliance report is uploaded in the website of the project proponent (<https://lulukottayam.in/>)

We humbly request you to kindly acknowledge the receipt of the compliance report.

Thanking you,
Yours respectfully,

For Lulu International Shopping Malls Pvt. Ltd



Babu Vargheese
(Project Director)

**ENVIRONMENT MONITORING COMPLIANCE REPORT OF STIPULATED
CONDITIONS OF ENVIRONMENTAL CLEARANCE. Identification No-
EC21A038KL164412 File No 21-96/2021-IA-III dated 24.12.2021
(April 2023 to September 2023)**

FOR

Proposed Commercial Building project along with MLCP building

KOTTAYAM

By

M/s. Lulu International Shopping Malls Pvt Limited

SUBMITTED TO:

MINISTRY OF ENVIRONMENT, FOREST, AND CLIMATE CHANGE (GOVT OF INDIA)

SUBMITTED BY:

M/s Lulu International Shopping Malls Pvt Limited

34/1000, NH-47, Edapally, Kochi- 682 024

www.lulumall.in

ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT

INDEX

| Chapters | Particulars |
|-----------------|-------------------------------|
| Chapter 1 | Introduction |
| Chapter 2 | Basic Details from EC |
| Chapter 3 | General & Specific Conditions |
| Chapter 4 | Standard Conditions |
| Chapter 5 | Annexures |

LIST OF ANNEXURES

| Annexure No. | Particulars |
|--------------|--|
| 1. | The Photographs of the STP works. |
| 2. | The photographs of the underground tank and the plumbing works |
| 3. | The photograph of segregation of solid waste & bio-bin system |
| 4. | The location of the electric charging points provided in parking areas for the electric Vehicles |
| 5. | Copy of building permit and fire NOC. |
| 6. | The Report of Ambient Air Quality from the NABL accredited laboratory. |
| 7. | The Photographs of DG set using for construction work with the acoustic enclosure. |
| 8. | The Photographs of the construction site barricading |
| 9. | The Photograph of vehicle bringing construction materials covered with plastic / tarpaulin sheets. |
| 10. | The Photograph of aggregates store at site., |
| 11. | The Photograph of water sprinkled unpaved surface. |
| 12. | The photograph of dual plumbing system execution at site. |
| 13. | The Photograph of curing agent using at site and RMC usage. |
| 14. | The Test results of water quality test through NABL accredited laboratory |
| 15. | Test results of noise Level survey conducted by NABL accredited laboratory. |
| 16. | The Photographs of the acoustic installation works of DG for the project. |
| 17. | Copy of vehicles PUC certificates of vehicles using at site. |

| | |
|-----|--|
| 18. | Photograph of workers using dust mask, safety harness etc. |
| 19. | First Aid Room is provided at the project site |
| 20. | The copy of the EMC meeting dated on 01-09-2023 |

Chapter- 1 : INTRODUCTION

Environmental Clearance No 21-96/2021-IA-III was obtained via PARIVESH dated 24.12.2021. The project is for Construction of Proposed Commercial building project along with MLCP building at Nattakom Village, Kottayam Municipality, Kottayam Taluk & District, Kerala.

Methodology for Preparation of Report is as follows:

Study of EC Letter & Related Documents,

Site Visits by a Team of Experts,

Monitoring of Environment Parameters, viz. Ambient Air, Water, Noise, Soil & DG Sets,

Analysis of Samples collected during Monitoring,

Interpretation of Monitoring Results,

Preparation of Corrective Action & Preventive Action (CAPA) Plan to be followed in case the emission / effluent levels are beyond prescribed limits.

Chapter 2: BASIC DETAILS FROM EC

| Sl. No | CONDITIONS | DETAILS |
|----------|------------------------------------|---|
| I | Basic Information | |
| 1 | Name of the Project. | Proposed Commercial Building project along with MLCP building |
| 2 | Proposed Activity | Construction Project (New) |
| 3 | Name, Designation & full address | Mr. Nishad M A, Director M/s Lulu International Shopping Malls Pvt Ltd, 34/1000, NH-47, Edapally, Kochi-682024 |
| 5 | Total Plot Area | 35,201 Sqm |
| 6 | Total Built Up Area | 29,950.21 Sqm (Commercial Building 25,029.67 Sqm & MLCP Building - 4,920.54 Sqm) |
| 7 | Geo Co- ordinates | 9°33'44.42" N to 9°33'52.86" N Latitude and 76°31'01.69" E to 76° 31'11.48" E Longitude |
| 8 | Category of project ie, 'A' or 'B' | Category 'B' Schedule 8 (a) |
| 9 | Location & Survey No. | Survey Nos. 352/12-1, 352/12, 352/13, 353/16, 353/12, 353/6, 353/5, 353/13, 353/10, 353/3-4, 354/3-3-1, 354/3-3, 353/14, 353/8, 353/7, 353/3, 353/3-2, ,353/15, 354/2-1, 354/2, 354/2-4, 354/3-1, 354/3-7, 354/3-6-1, 354/3-6, 354/3-4, 354/1-3-1, 354/1-3, 354/1-2, 354/ 1-1-1, 354/ 1-1, 354/2-2-1, 354/2-2, 354/3-2, 354/2-3, 354/3-5, 353/3-3, 353/3-5, 353/9, 353/11, 353/18, 353/17 and parts of 1888 of Nattakom Village Kottayam Municipality, Kottayam District, Kerala. |
| 10 | Details of the Project Cost | Rs 55 Crores |
| 11 | Max height of the building | 14.20 M (Commercial Building) 10.20 M. (Proposed MLCP) |
| 12 | Max no of floors | Commercial Building- GF+1 st Floor+ Terrace and MLCP Building- GF+ 2 floors |
| 13 | Storage wastewater | 802 Kg/day (Check) |
| 14 | Total Water Requirement | Construction phase -35 KLD & Operation Phase-167 KLD (fresh water 62 KLD + 105 KLD recycled from STP) |
| 15 | Total Power Requirement | Construction phase 100 KW- KSEB and DG |

| | | |
|----|-------------------------|--|
| | | standby and Operation phase- 3000 KVA (KSEB & DG Sets (1000 KVA x 2 Nos + 750 KVA x 2 Nos) |
| 16 | Solar Power | 541 KWP |
| 16 | Parking Proposed | 470 Cars + 514 Two wheelers |
| 14 | Validity | 5 Years |
| 15 | CER details | Total Green area – 4905 Sqm better commercial retail shopping area with supporting infrastructure facilities and amenities to the people. Increase in economic activity and employment for the local community, local skills development and revenue to the State. 150 persons to be employed during construction phase. |
| 16 | Timeline for Completion | 24 months from the date of start of construction. |

CHAPTER 3-A.SPECIFIC CONDITIONS

COMPLIANCE

| | | |
|---|--|---|
| i | Abstraction of ground water shall be subject to the permission of Central Ground Water Authority (CGWA). Fresh water requirement shall not exceed 62 KLD during operational phase. | Presently no ground water abstraction is required for the project. We will be obtaining permission from CGWA if ground water extraction is required. The estimated freshwater requirement 62 KLD, prepared based on the National Building Code, which will not exceed during operation phase. |
|---|--|---|

| | | |
|-----|--|--|
| ii | <p>As proposed, wastewater shall be treated in an onsite STP of 140 KLD capacity. At least 105 KLD of treated water from the STP shall be recycled and re-used for flushing (93 KLD), gardening (1 KLD) and as make-up water for cooling towers attached with the HVAC system (11 KLD). There shall be no discharge of treated water outside the premises as committed.</p> | <p>Wastewater will be treated in an onsite STP only. An expert vendor M/s 'Green Method Engineering' appointed for the design, execution, and operation of the sewage treatment plant. The construction work of the designed 160 KLD capacity of sewage treatment plant is completed 50%.The total allocated amount for the STP is Rs 1,77,12,456 INR. The photographs of the construction of STP are attached as ANNEXURE 1.</p> <p>The schematic diagram of the STP and the location of the STP is marked in the site plan were submitted to MOEF through the compliance report dated 14.06.2022. The STP treated water will be used for flushing, gardening and for makeup water for HVAC Cooling tower. There will be no discharge of treated water outside the premises. The water balance chart showing the usage of STP treated water also submitted to MOEF through provisions compliance report dated 14.06.2022.</p> |
| iii | <p>The project proponents would commission a third-party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.</p> | <p>An independent expert appointed for study on implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment system, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated water and fresh water for flushing and quality of water being supplied through spray faucets attached to toilets. The report frump the expert is submitted to MOEF through EC compliance report dated 14.06.2022</p> |
| iv | <p>Area for greenery shall be provided as per the details provided in the project document i.e., area under plantation / greenery will be at least 4905 sqm. As proposed, at least 600 trees shall be maintained during the operation phase of the project. The landscape planning should include plantation of native species. A minimum of 01 tree for every 80 sqm. of land should be planted and maintained. The existing trees will be counted for this purpose. Plantations to</p> | <p>The greenery area will be as per the details provided in the project document submitted and will be ensuring the minimum area requirement 4905m² stated in the condition. The proposed landscaping drawing and the tentative list of species were submitted to MOEF through the compliance report dated 14.06.2022.</p> <p>The selection of the species will be as per the recommendation of landscaping architect. The requirement of a minimum of one tree for every</p> |

| | | |
|------|---|--|
| | be ensured species (cut) to species (planted). The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and / or invasive species should not be used for landscaping. | 80m ² is noted. We will ensure plantation of ensured species (cut) to species (planted). Water intensive and invasive species will be avoided in landscaping. |
| v | No tree can be felled / transplanted unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted). | Noted. The Project proponent will be obtaining permission from the concerned regulatory authority for felling trees if required. Old trees will be retained as far as possible. We will ensure plantations to the ensured species (cut) to species (planted). |
| vi. | Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 that is planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document. | In case trees are to be cut we will obtain prior permission from the concerned local authority and compensatory plantation will be done in the ratio 1:10. Plantations will be ensured species (cut) to species (planted). Area for green belt development will be provided as per the details provided in the project document. |
| vii | The local bye-law provisions on rainwater harvesting should be followed. If local bye law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Bylaws, 2016. As proposed, RWH tank of total 200 KL capacity shall be provided by PP for rainwater harvesting after filtration. | The Kerala Municipal Building rule 2019 is applicable for the project. As per the rule, the rainwater harvesting capacity requirement is 250KL. The construction of the proposed 250KL rainwater tank has been completed. The photography of the said underground tank and the plumbing works are attached as ANNEXURE 2. The schematic diagram and drawing showing location of rainwater harvesting tank submitted to MOEF through previous compliance report dated 14.06.2022. |
| viii | The solid waste shall be duly segregated into biodegradable and non-biodegradable components and handled in separate area earmarked for segregation of solid waste, as per SWM Rules, 2016. As committed, biodegradable waste shall be utilized through bio-gas generation unit. /bio-bin system to be installed within the | The solid is segregating into bio-degradable and non-bio-degradable components and handling in separate areas ear marked for segregation of solid as per SWM Rules. Biodegradable waste is treating in bio-bin system to be installed within the compound. Inert waste will be disposed of as per authorized norms. The recyclable construction & demolition waste will be segregated and managed as per C&D |

| | | |
|----------|---|--|
| | <p>site. Inert waste shall be disposed of as per norms at authorized site. The recyclable waste shall be sold to authorized vendors/recyclers</p> <p>Construction & Demolition (C&D) waste shall be segregated and managed as per C&D Waste Management Rules, 2016.</p> | <p>Waste Management Rules.</p> <p>The photograph of segregation of solid waste & bio-bin system are attached as ANNEXURE 3</p> |
| ix | <p>The PP shall provide electric charging points in parking areas for e-vehicles as committed.</p> | <p>Electric Charging Points will be provided in parking areas for Electric Vehicles. It is proposed to provide 47 points for four-wheelers and 5 points for two-wheelers. The location of the electric charging points are shown in the drawing attached as ANNEXURE 4</p> |
| x | <p>As committed, roof top solar energy installation of at least 541kWp shall be implemented.</p> | <p>It is initiated to install solar panel for capacity of 541kWp at terrace level. An amount of Rs 3.32Crore allocated for the Solar installation. All Solar panels have been purchased. The layout showing the location of solar panels at roof top submitted to MOEF through EC compliance report submitted on March 2023.</p> |
| xi | <p>The Environmental Clearance to the project is primarily under provisions of EIA Notification, 2006. The Project Proponent is under obligation to obtain approvals / clearances under any other Acts / Regulations or Statutes as applicable to the project.</p> | <p>The project proponent obtained the building permit from Kottayam municipal corporation and fire approved from Kerala fire and rescue department. The copy of these approvals are attached as ANNEXURE 5.</p> <p>The 'Consent to establish' obtained from Kerala. PCB submitted to MOEF through the compliance report dated 14.06.2022</p> |
| | <p><u>CHAPTER-4-B- STANDARD CONDITIONS</u></p> | |
| I | <p>STATUTORY COMPLIANCE</p> | |
| i | <p>The project proponent shall obtain all necessary clearance / permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building bylaws.</p> | <p>This point is noted, and we will obtain all required approvals & clearances required for execution of the project. The construction will be done as per KMBR.</p> |

| | | |
|------|---|---|
| ii | The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc. | The Structural Designs of the building done by reputed Structural Engineer as per BIS. The structural stability certificate issued by the engineer was submitted to MOEF through compliance report dated 14.06.2022. NOC will be taken from local fire and rescue authorities. |
| iii | The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project. | Not applicable for the project |
| iv | The project proponent shall obtain clearance from the National Board for Wildlife, if applicable. | Not applicable for the project. |
| 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. | A revised consent obtained from Kerala PCB for the area of 29950.21 m ² (which environmental clearance obtained for the project) is submitted to MOEF through EC compliance report dated 14.06.2022. |
| vi | The project proponent shall obtain the necessary permission for drawl of ground water /surface water required for the project from the competent authority. | Presently Project does not require extraction of ground water. We will be obtaining permission from competent authority for extraction of ground water if required in future. |
| vii | A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained. | Kerala State Electricity Board is the agency for allocation and supply of power to the project. KSEB allocated 2500KVA power to the project through the letter number DB1/KSEB-NATKM/2021-22/68 dated 23/12/2021. The copy of the power allocation letter has been submitted to MOEF through previous compliance report dated 14.06.2022. |
| viii | All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities | We will obtain clearances from Chief Controller of Explosives, if diesel storage tank is required, Civil Aviation Department, if required and also from Fire & Rescue Department. |
| ix | The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed. | All provisions of the Solid Waste Management; E-Waste Management and Plastic Waste Management Rules of the year 2016 will be followed for the project. |

| | | |
|-----------|--|---|
| x | The project proponent shall follow the ECBC/ECBC- R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly. | The ECBC / ECBC – R prescribed by the Bureau of Energy Efficiency; Ministry of Power will be followed |
| II | AIR QUALITY MONITORING AND PRESERVATION | |
| i. | Notification GSR 94(E) dated 25.01.2018 of MOEF & CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with. | The Mandatory Implementation of Dust Mitigation Measures for Construction & Demolition Activities will be complied as per the Notification GSR 94(E) dated 25.01.2018 of MOEF&CC |
| ii | A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site. | The Ambient Air Quality will be closely monitored periodically. Necessary preventive measures to be taken if any exceedance there |
| 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. PM10 and PM2.5) covering upwind and downwind directions during the construction period. | The Ambient Air Quality will be monitored through NABL accredited laboratory. The copy of the report of air quality monitored is attached as ANNEXURE 6 |
| iv | Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low Sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board. | DG Sets will be Enclosed Type for better acoustics conforming to the Rules made under Environment Protection Act. The Chimney Stack height will be decided based on the combined capacity of all DG Sets. We will use low Sulphur diesel as available in the market. The locations of the DG Sets will be as approved by KPCB. The photograph of DG set using for construction work with the acoustic enclosure is attached as ANNEXURE 7 |
| v | Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust / wind breaking walls all around the site (at | The construction site is barricaded as per the condition stated. The photograph of the barricading is attached as ANNEXURE 8. We will ensure that vehicles bringing construction materials or taking out building debris prone to causing dust pollution are covered with plastic / tarpaulin sheets The photograph of the vehicle attached ANNEXURE 9 |

| | | |
|-------|--|--|
| | least 3-meter height). Plastic / tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site. | |
| vi. | Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution. | Stacks of sand, murrum, loose soil, cement, etc. stored at site is being covered adequately to prevent dust pollution. A photograph showing the aggregates which properly covered is attached as ANNEXURE 10 |
| vii. | Wet jet shall be provided for grinding and stone cutting. | Wet jet will be provided for grinding and stone cutting. |
| viii. | Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust. | Unpaved surfaces and loose soil are being sprinkled adequately with water to suppress dust. A photograph showing the sprinkling of water to the unpaved surface is attached as ANNEXURE 11 |
| ix. | All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016. | No construction & demolition debris will be dumped on the roads or open spaces outside the site. These will be managed as per the provisions of the Construction & Demolition Waste Management Rules. |
| x. | The diesel generator sets to be used during construction phase shall be low Sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards. | We will ensure that the DG Sets shall be low Sulphur diesel type conforming to Environmental Protection prescribed for air & noise emission standards. |
| xi. | The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low Sulphur diesel shall be used. The location of the DG Set, and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms. | The project proponent will ensure that: (a)The gaseous emissions from DG Sets shall be dispersed through adequate stack heights as per CPCB standards. (b)Acoustical enclosures shall be provided to the DG Sets to mitigate the noise pollution. (c) Low Sulphur diesel will be used. (d) The locations of DG Sets & exhaust pipe heights shall be as per the provisions of CPCB. |
| xii. | For indoor air quality the ventilation provisions as per National Building Code of India. | The equality of ventilation provisions will be provided as per National Building Code of India. |

| III | WATER QUALITY MONITORING AND PRESERVATION | |
|------------|--|---|
| i. | The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rainwater. | We will not obstruct the natural flow of drain system and no construction will be done to obstruct natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems will be allowed for maintaining the drainage pattern and to harvest rainwater. |
| ii. | Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done. | Buildings will be designed with minimum cutting & filling so as to follow the natural topography as far as possible. |
| iii | The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MOEF & CC along with six monthly Monitoring reports. | A separate water meter will be provided for monitoring the water usage from various sources. The report showing the usage of incorporating the water balance chart will be submitted to MOEF & CC through six monthly compliance report during operational phase. |
| iv. | A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users. | PP will obtain a certificate from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This will be specified separately for ground water and surface water sources, ensuring that there is no impact on other users. |
| V. | At least 20% of the open spaces as required by the local building bylaws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface. | PP will ensure that at least 20% of the open spaces as required by the building bylaws will be pervious. Requirement is noted. Land area =35201m ² Open space required as per KMBR 35% =12320.35 m ² 20% of the open space =2464.07 m ² Proposed landscaping area = 4905 m ² i.e., more than required |
| vi. | Installation of dual pipe plumbing for supplying fresh water for drinking, cooking, and bathing etc. and other for | A dual plumbing system will be provided for domestic and other recycled water. A schematic diagram showing dual plumbing system is |

| | | |
|-------|---|---|
| | supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done. | submitted to MOEF dated 14.06.2022 The photograph of dual plumbing system execution at site is attached a ANNEXURE 12 |
| vii. | Use of water saving devices / fixtures (viz low flow flushing systems; use of low flow faucets tap aerators etc.) for water conservation shall be incorporated in the building plan. | The water saving devices & fixtures such as low flow systems, low flow faucets, tap aerators, etc. will be provided in the project to reduce the water consumption. |
| viii. | Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done. | Separate grey and black water lines will be provided in the building sewage system. The typical drainage drawings showing separate grey and black water lines are submitted to MOEF dated 14.06.2022. The water supply system will be dual plumbing system for recirculation lines and domestic water supply lines. |
| ix. | Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred. | To adopt best practices, RMC (Ready Mixed Concrete) and curing agents will be used for the construction works. A photograph showing the application of the curing agent and usage of ready mix concrete at site is attached as ANNEXURE 13 |
| x. | Rainwater harvesting recharge pits / storage tanks shall be provided for ground water recharging as per the CGWB norms. | The CGWB norms will be adopted for rainwater harvesting and ground water recharging system. |
| xi. | A rainwater harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built-up area and storage capacity of minimum one day of total freshwater requirement shall be provided. In areas where ground water recharge is not feasible, the rainwater should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority. | Adequate capacity of rainwater harvesting will be provided. No ground water will be withdrawn without the approval from the Competent Authority. The capacity of the rainwater harvesting system is 250 m ³ . The photograph of underground rainwater tank is attached as ANNEXURE 02. |
| xii. | All recharges should be limited to shallow aquifer. | Noted. Whenever recharge is done it will be limited to shallow aquifer. |
| xiii. | No ground water shall be used during construction phase of the project. | Noted. No ground water will be used during construction phase of the project. |
| xiv. | Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering. | In case any ground water dewatering is done it will be properly managed and shall conform to the approvals and guidelines of the CGWA in the matter and formal approval will be taken from CGWA for any groundwater extraction or |

| | | |
|--------|---|---|
| | | dewatering. |
| xv. | The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MOEF&CC along with six monthly Monitoring reports. | We will measure the quantity of freshwater usage, water recycling & rainwater harvesting and record to monitor water balance. This will be incorporated in the half yearly compliance report to MOEF & CC. |
| xvi. | Sewage shall be treated in the STP with tertiary treatment. | The Sewage Treatment Plant (STP) is constructing with tertiary treatment only. |
| xvii. | No sewage or untreated effluent water would be discharged through storm water drains. | We confirm that no sewage or untreated effluent water will be discharged through storm water drains. To monitor the water quality of natural storm water, drain adjacent to the plot, conducted water quality test through NABL accredited laboratory. The test results are attached as ANNEXURE 14, for both upstream and downstream of the drain abutting the plot. |
| xviii. | Onsite sewage treatment of capacity of treating 100% wastewater to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated wastewater shall be reused on site for landscape. Flushing, cooling tower, and other end-uses Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted. | We confirm that in-site sewage treatment having a capacity for treating 100% wastewater will be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard will be submitted to the Ministry before the project is commissioned for operation. Treated wastewater will be reused on site for landscape, flushing, HVAC cooling tower, and other end-uses. Excess treated water will be discharged as per statutory norms notified by MOEF & CC. We will promote natural treatment systems. The photographs of the STP works are attached as ANNEXURE 1 |
| xix. | Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problem from STP. | The quality of treated STP water will be monitored by conducting periodical tests during Operational phase and adequate measures will be taken to mitigate the odor. |
| xx. | Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering | Sludge from STP will be collected and disposed of as per Ministry of Urban Development, Central Public Health & Environmental Engineering Organization Manual on Sewerage and Sewerage Treatment Systems. |

| | | |
|-----------|---|---|
| | Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013. | |
| IV | NOISE MONITORING AND PREVENTION | |
| i. | Ambient noise levels shall conform to residential area / commercial area / industrial area / silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB. | Ambient noise level will be periodically monitored, and adequate measures will be adopted to reduce ambient air and noise level during construction phase day and night, so as to conform to the stipulated standards by CPCB / SPCB and also to conform to Noise Pollution (Control & Regulation) Rules. |
| ii. | Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report. | The noise level survey conducted by NABL accredited laboratory is attached as ANNEXURE 16 |
| iii. | Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources. | All DG Sets will have acoustical enclosures. Noise barriers will be provided for ground-run bays and ear plugs for operating personnel as mitigation measures for noise impact. The photographs of the acoustic installation works of DG set is attached as ANNEXURE 17 |
| V | Energy Conservation measures: | |
| i. | Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC. | We will ensure compliance with the Energy Conservation Building Code (ECBC) of the Bureau of Energy Efficiency. In Kerala State there is no notification of their own. |
| ii. | Outdoor and common area lighting shall be LED. | Noted and will be complied with. We will use LED Lights for outdoor & common area lighting. |

| | | |
|-----------|--|---|
| iii. | Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications. | Concept of passive solar design that minimizes energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design to the extent possible. Wall, window, and roof u-values will be as per ECBC specifications. |
| iv. | Energy conservation measures like installation of CFLs / LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning. | Energy conservation measures like installation of CFLs / LED for lighting the area outside the building will form integral part of the project design and it will be in place before project commissioning. |
| v. | Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level / local building byelaws requirement, whichever is higher. | As per specific condition 10, solar energy will be 541kWp; which is more than 1% of demand load. |
| vi. | Solar power shall be used for lighting in the apartment to reduce the power load or grid. Separate electric meter shall be installed for solar power Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building byelaws, whichever is higher. Residential buildings are also recommended to meet its hot water. Demand from solar water heaters, as far as possible. | Project will utilize maximum energy from solar plant of capacity 541kWp. There will be separate metering for solar energy for monitoring the usage. |
| VI | WASTE MANAGEMENT | |
| i. | A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W generated from project shall be obtained. | We will request the local Municipality to issue a certificate indicating the existing civic capacity of handling and their adequacy to cater the waste generated by from our project. |
| ii. | Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and | Best practices/ technology shall be adopted for construction work so that the muck creation will be limited. We will ensure that disposal of muck during construction phase will not create any |

| | | |
|-------|---|---|
| | health aspects of people, only in approved sites with the approval of competent authority. | adverse effect on the neighboring communities and will be disposed after taking the necessary precautions for general safety and health aspects of people and only in approved sites. |
| iii. | Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. | Separate wet and dry bins will be provided in each unit and at the ground level for facilitating segregation of waste. Solid wastes are being segregated into wet garbage and inert materials. Photographs of wet and dry waste collection is attached as ANNEXURE 18 |
| iv. | Organic waste compost / Vermiculture pit / Organic Waste Converter within the premises with a minimum capacity of 0.3 kg / person / day must be installed. | Organic Waste Converter of adequate capacity will be installed within the premises. |
| v. | All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers. | All non-biodegradable waste will be handed over to authorized recyclers; we will have a written tie up with the authorized recyclers. |
| vi. | Any hazardous waste generated during construction phase, shall be disposed of as per applicable rules and norms with necessary approvals of the State Pollution Control Board. | All hazardous waste generated during construction phase will be disposed of as per applicable rules and norms with necessary approvals of the State Pollution Control Board. |
| vii. | Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials. | We will encourage use of environment friendly materials such as Fly Ash Bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, etc. |
| viii. | Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September 1999 and amended as on 27 August 2003 and 25th January 2016. Ready mixed concrete must be used in building construction. | Fly ash will be used as building material in the construction as per the provision of Fly Ash Notification. Mostly we are using Ready mixed concrete only. |
| ix. | Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016. | All wastes from construction & demolition activities will be managed so as to strictly conform to the Construction & Demolition Waste Management Rules. |

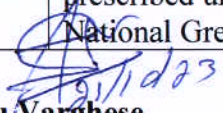
| | | |
|-------------|--|--|
| x. | Used CFLs and TFLs should be properly collected and disposed of / sent for recycling as per the prevailing guidelines / rules of the regulatory authority to avoid mercury contamination. | Used CFLs and TFLs will be properly collected and disposed of as per the prevailing guidelines / rules of the regulatory authority to avoid mercury contamination. |
| VII | GREEN COVER | |
| i. | Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site. | Topsoil will be stacked separately and will be used for gardening. |
| VIII | TRANSPORT | |
| i. | A comprehensive mobility plan, as per MOUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria. | Noted and will be implemented. |
| a. | Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. | Vehicular Traffic and Pedestrian Traffic will be segregated. |
| b. | Traffic calming measures. | Traffic calming measures will be taken. |
| c. | Proper design of entry and exit points. | Entry & Exit points will be designed properly. |
| d. | Parking norms as per local regulation. | We will provide adequate parking as per local norms. |
| ii. | Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards to be operated only during non-peak hours. | We will ensure that: 1. Vehicles hired are in good condition. 2. Vehicles have Pollution Check Certificate conforming to applicable air & noise emission standards. The copy of PUC certificates attached as ANNEXURE 19 |
| iii | A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other | We will arrange a detailed traffic management & traffic decongestion study and arrange to improve the traffic pattern. We will associate with the concerned departments for this. |

| | | |
|-----------|---|--|
| | agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments. | |
| IX | HUMAN HEALTH ISSUES | |
| i. | All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask. | All workers working at the construction site involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution will be provided with dust mask. Photograph of workers using dust mask, safety harness etc are attached as ANNEXURE 20 |
| ii. | For indoor air quality the ventilation provisions as per National Building Code of India. | Ventilation Provisions as per National Building Code of India for indoor air quality will be provided. |
| iii. | Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented. | An emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan will be implemented. We will also plan occasional drill for evacuation. |
| iv. | Provision shall be made for the housing of construction labor 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. | As the site is not suitable for labor colony, we are not allowing any labor to stay at site. We will ensure that the contractors make own arrangement nearby for labor colony near to the site; however, we will ensure that within the labor colony, necessary infrastructure & facilities such as fuel for cooking, toilets facilities, drinking water, health care, creche (If lady workers are employed), etc. are provided. |
| v. | Occupational health surveillance of the workers shall be done on a regular basis. | We will ensure that occupational health surveillance of the workers will be done on regular intervals. |
| vi. | A First Aid Room shall be provided in the project both during construction and operations of the project. | Noted and will be complied with. A well-equipped First Aid Room is provided at the project site. . is attached as ANNEXURE 21 |
| X | MISCELLANEOUS | |
| i. | The project proponent shall prominently advertise it at least in two local | This is already done. Copies of paper cuttings submitted to MOEF through the compliance report |

| | | |
|------|---|--|
| | newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC / SEIAA website where it is displayed. | dated 14.06.2022. |
| ii. | 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. | Copies of Environmental Clearance are submitted to the Municipality with a request to display the same. Copy of the receipt from Kottayam Municipality submitted to MOEF through the compliance report dated 14.06.2022. |
| iii. | 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. | Noted. We will upload the status of compliance of the stipulated environment clearance conditions including results of monitored data on the website and update it on half yearly basis. |
| iv. | 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. | Noted. We will submit half yearly reports on the status of compliances of environmental conditions on the website of MOEF & CC. |
| v. | 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. | We will set up an Environment Monitoring Cell and they will look after all the requirements and any issue will be reported to higher management for corrective action / rectification. The company policy is to follow the best practice for Environmental Safety & Security. As the project is situated within the town and on the national highway possibility of violation of norms of wildlife, forest, etc. is less. The copy of the EMC meeting dated 30.12.2022 is attached as ANNEXURE 22 |
| vi. | 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 | This project is controlled / monitored directly by the Regional Head Office. The Environmental Cell Consists of 1. Mr. Sadik Kasim, Commercial |

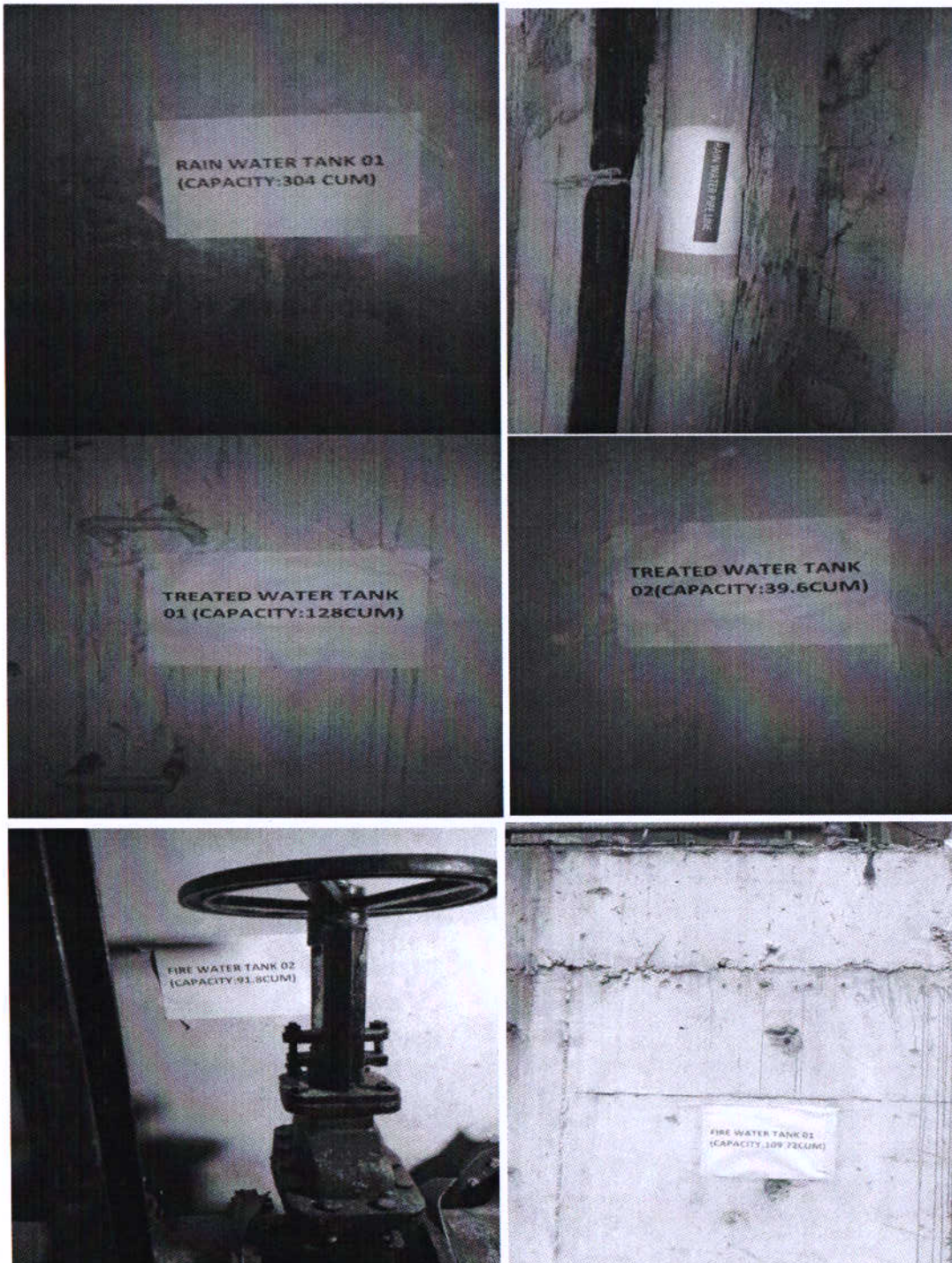
| | | |
|-------|---|--|
| | Executive, who will directly report to the head of the organization. | Manager as Chairman; 2. Mr. Babu Varghese, Project Director as Member; 3. Mr. Paul K Olekkengil, General Manager as Member, 4. Mr. Midhun Chullickal, Legal Officer as Member and 5. Mr. Beshy Kuriakose Project Manager as Member Secretary. |
| vii. | 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 ear marked 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. | The above Committee is responsible for the implementation of EMP and Environmental Conditions. The responsibility matrix and other details are being worked out in consultation with top management. |
| viii. | 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. | We confirm that we will submit the environmental statement for each financial year in Form-V to KPCB as prescribed under the Environment Protection Rules, 1986, as amended subsequently and will be posted on the website of Lulu. http://lulukottayam.in/ |
| ix. | 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. | We confirm that we will 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. |
| x. | The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government. | We confirm that we will strictly adhere to the stipulations made by the State Pollution Control Board and the State Government. |
| xi. | The project proponent shall abide by all the commitments recommendations made in the EIA / EMP report and also that during their presentation to the Expert Appraisal Committee. | We will abide by all the commitments & recommendations made in the EIA / EMP reports and during its presentation to the Expert Appraisal Committee. |
| xii. | No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest, and Climate Change (MoEF&CC). | Noted. In case of any further expansion or modifications in the plant prior approval from MoEF & CC will be obtained. |
| xiii. | Concealing factual data or submission | Noted. |

| | | |
|-------|---|---|
| | of false / fabricated data may result in revocation of this environmental clearance and attract action under the provisions. Environment (Protection) Act, 1986. | |
| xiv. | The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory. | Noted. |
| xv. | The Ministry reserves the right to stipulate additional conditions if found necessary The Company in a time bound manner shall XV implement these conditions. | Noted. |
| xvi. | The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports. | Noted. We will extend full support & cooperation to the Officers of the Regional Office by furnishing the requisite data, information and monitoring reports. |
| xvii. | The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter. | |
| xviii | Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010. | |

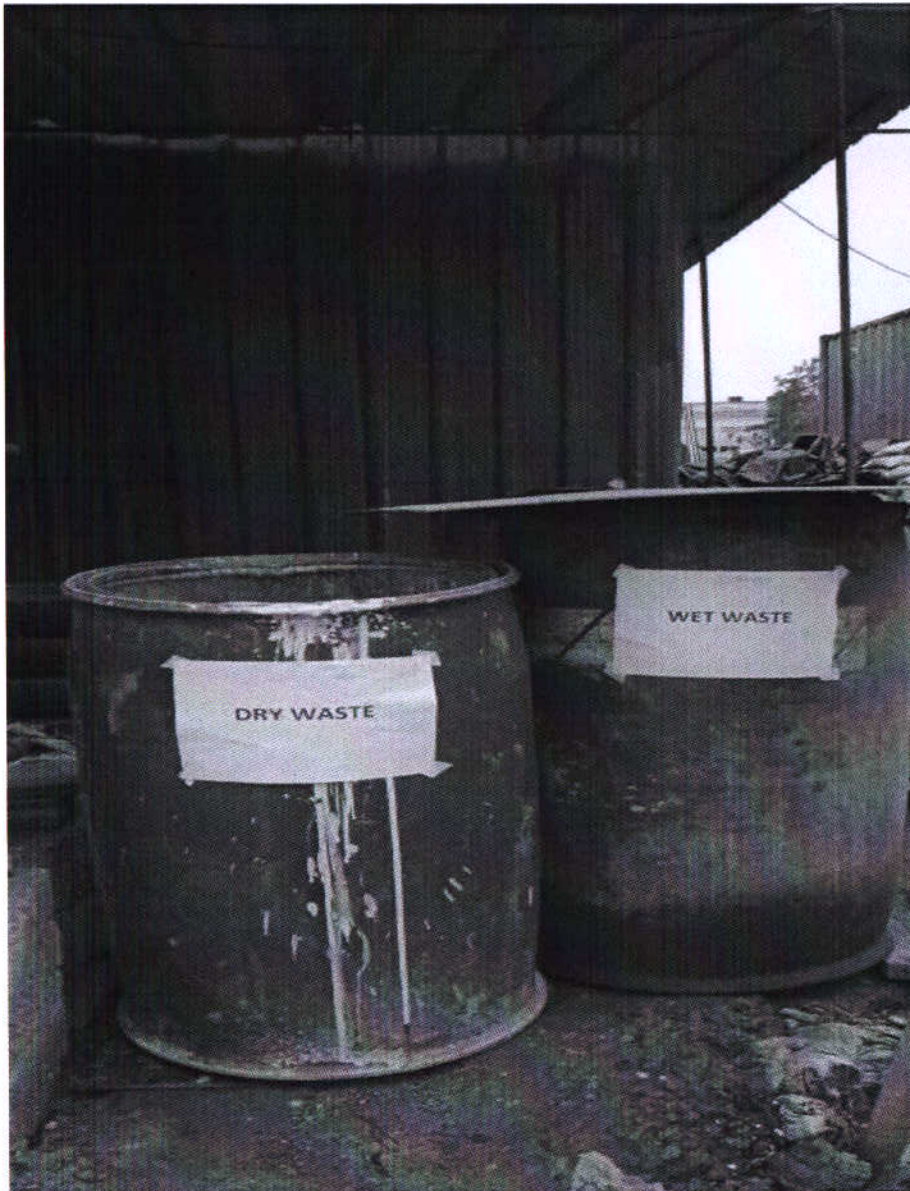

Babu Varghese
Project Director



The Photographs of the STP works



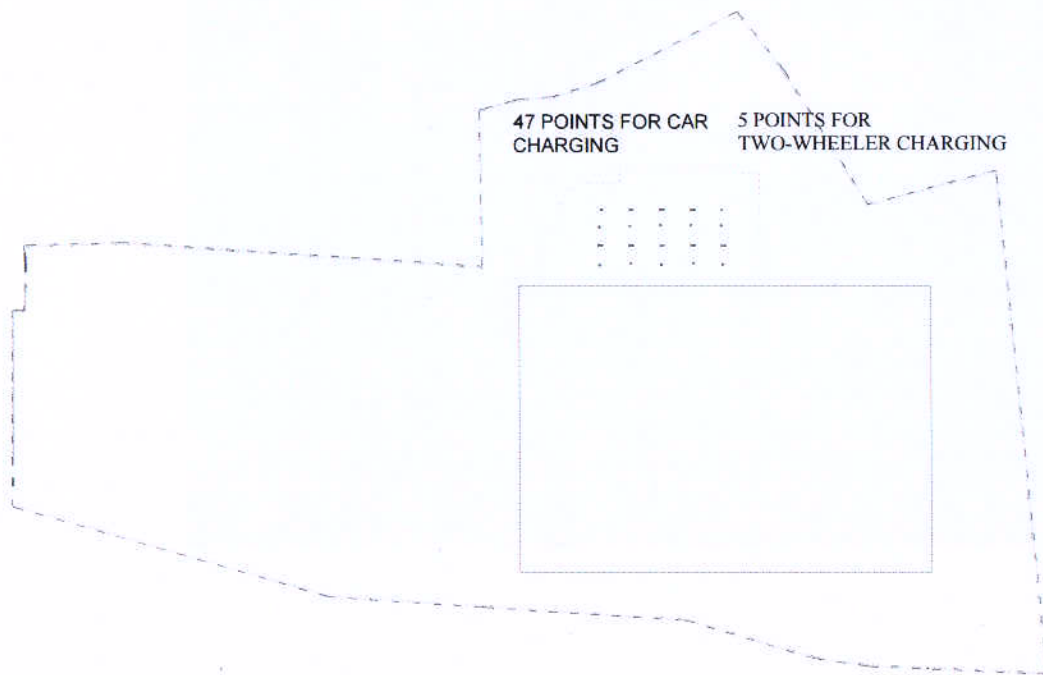
The photographs of the underground tank and the plumbing works



The photograph of segregation of solid waste & bio-bin system

ANNEXURE -04

The location of the electric charging points provided in parking areas for the electric Vehicles



APPENDIX B2

{(See rule 6(17) &9(4)}

SITE APPROVAL AND REVISED BUILDING PERMIT**Kottayam municipal Corporation/Municipal Council/ Town Panchayat.****NBA-42/21-22****08/06/2023**

Ref:-Application dated **11/04/2023** from Sri/Smt **Nishad M A,Director & CEO,Lulu International Shopping Malls Pvt Ltd,34/1000,NH-47,Edappally, Kochi,PIN-682024**

Site approval and permission is granted for the **construct/reconstruct/erection/re-erection/addition/alteration of building/hut/digging of well/** (specify the construction. In Building No.of near the building No.....in Survey/Re-surveyNo.**353/3-3,353/3-5,353/9,353/11,353/17,353/18,353/8,353/10,353/12,353/13,353/14,353/15,353/16,352/12, 352/12-1,352/13,353/3,353/3-2,353/3-4,353/5,353/6,353/7,354/1-1-1,354/1-2,354/1-3-1,354/2-1,354/2-2-1,354/2-3,354/3-1,354/3-2,354/3-3-1,354/3-4,354/3-5,354/3-6-1,354/3-7,354/2-4** Village **Nattakam** Taluk **Kottayam** District **Kottayam** For **Commercial** (specify the occupancy) purpose subject the condition stated below.

Adequate safety measures shall be ensured for protection against damage to health, life, buildings and property of the workers and inhabitants around, during and after building construction. The owner and the developer shall be solely responsible for any such damages.

- (1) The applicant and the Engineer / Architect Supervisor in charge of the building construction shall be fully responsible for the structural stability of the building, the Municipality will not be responsible for any structural instability and other deficiencies in the execution of work.
- (2) Portions of the plot that are proposed for water conservation should be spared exclusively for the purpose as the land use conversion orders by Revenue Department.
- (3) Whenever the proposed road that is planned to pass through the plot as per the Kottayam Master Plan comes into existence, access to the plot and concerned facilities should be re-arranged if necessary.
- (4) Any form of construction should not be done in the area with Re-survey No. 354/1-1, 354/1-3, 354/2, 354/3-6, 354/2-2, 354/3-3, which comes within the plot limit.
- (5) Permit Valid from **04/10/2021 to 03/10/2026**.

(a) Setbacks (m) (minimum & average)

Front : **32.945 m** Rear side: **13.00 m** Side-1: **20.930 m**
Side-2 : **12.00 m**

(b) plot Area (sq m) : 32978 m²

(c) FAR : 0.59

Coverage : 36.58%

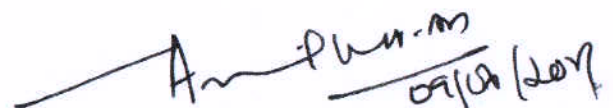
(d) Details of proposed building

| Floors | Building No.1 | | | Building No.2 | | |
|-------------------|------------------------------|----------------------|--|------------------------------|----------------------|--|
| | Occupancy | | | Occupancy | | |
| | Height of the buildingm | | | Height of the building.....m | | |
| | Use | Built-up area (sq.m) | Area provided for parking inside the building (sq.m) | Use | Built-up area (sq.m) | Area provided for parking inside the building (sq.m) |
| G Floor | | 9626.06 | | | | |
| Canopy | | 500 | | | | |
| F Floor | | 9290.21 | | | | |
| Terrace | | 939.08 | | | | |
| Upper Floor | | 10.23 | | | | |
| Parking SiteLevel | | 1938.15 | | | | |
| Level 1 | | 1886.12 | | | | |
| Level 2 | | 1886.12 | | | | |
| Level 3 | | 1886.12 | | | | |
| Level 4 | | 1886.12 | | | | |
| RoofLevel | | 54.50 | | | | |
| Total | | 29902.71 | | | | |

Total Permitted Area - **19951.09** m2

Additional Area - **9951.62** m2

Total Area - **29902.71** m2


 Name and Signature of the

Secretary B. ANIL

(Seal)
 [Official stamp of the Corporation of Chennai, Tamil Nadu, India]
 PH. 26111111 (F), 26111111

(Seal)



WE SERVE TO SAVE



DEPARTMENT OF FIRE AND RESCUE SERVICES
GOVERNMENT OF KERALA

No:FRS/05/KTYM/9077/2022/SITE

Date:09/01/2023

NO OBJECTION CERTIFICATE (FOR BUILDING PERMIT)

(As per Rule 5(4).12 of KMBR 2019/KPBR 2019)

Name & Address of the Applicant: LULU INTERNATIONAL SHOPPING MALLS PVT LTD
34/1000, NH 47
EDAPPALLY
KOCHI, Kerala
682024
India

Name of the Company: _____

Occupancy type of Building: Mercantile Buildings

Height of the building: 15.35 M

Number of Floors of the Building: G+G+2(4Floors)

Total Built up Area (in sqm): 29902.71 M²

Survey No: 352/12-
1,352/12,352/13,353/16,353/12,353/6,353/5,353/13,353/10
353/3-4,354/3-3-1,354/3-
3,353/14,353/8,353/7,353/3,353/3-2,353/15
354/2-1,354/2,354/2-4,354/3-1,354/3-7,354/3-6-1,354/3-
6,354/3-4,354/1-3-1
354/1-3,354/1-2,354/1-1-1,354/1-1,354/2-2-1,354/2-
2,354/3-2,354/2-3,354/3-5
353/3-3,353/3-5,353/9,353/11,353/18,353/17

Village: Nattakom

Municipality: Kottayam

District: Kottayam

The above site was inspected by the competent and authorized Officials of this Department. It was found that the site is suitable from fire protection point of view for the proposed construction.

The Fire system drawings were scrutinized and compared with the Checklist (Form No M-2.) and Prima Facie found to be in Order. The Applicant shall comply with all the Fire Safety arrangements as contained in the relevant Rules and Norms pertaining to Fire Safety, without any deviation. In case, if any deviation is to be made in the construction for any reason, the same shall be intimated to the competent authorities of the Stake Holder Departments including this Department and deposit necessary Fees etc. as per rules to obtain revised clearance.

On completion of the building construction and after installation of the fire protection arrangements, the Applicant shall fill the Checklist Cum Application again and also prepare a Fire System Drawing and submit following the due procedure. On receiving the Plan & the Checklist Cum Application duly filled, the authorized and competent Officials of this Department will inspect & verify the fire protection arrangements made as per the filled up Checklist to consider issuance of a No Objection Certificate (Completion) from this Department for compliance of the proposed fire protection requirements.

This clearance is limited to the Fire protection arrangements for the proposed Building. All other matters including eligibility of the land and plot for this project, environmental feasibility, survey details, etc. should be got verified and approved by the concerned competent authority. This No objection Certificate is issued for facilitating the construction of the proposed Building. The validity of this certificate will be for 5 years from the date of issue. Renewal will be subject to the conditions of building permit issued by the Local Authority.



Digitally signed by ARUN KUMAR A R
Reason: site clearance
Location: Regional Fire Office Kottayam
Date: 2023.01.09 11:40:27 +05:30

To,
Applicant / Concerned Local Authority

** This is a computer generated certificate & signature is not required.*

Standards



TEST REPORT

ULR No: TC1219123000001804F

LRI No.: SEAAL23092342A

Date: 30-09-2023

Page 1 of 1

CUSTOMER DETAILS

| | |
|-------------------------|---|
| Customer Name & Address | M/s Lulu International Shopping Mall Pvt Ltd Nattakam, Kottayam District. |
| Customer Reference | Test Request date: 26-09-2023 |

SAMPLE DETAILS

| | | | |
|------------------------------|------------------------|--------------------|------------|
| Product Category | Atmospheric Pollution | Sample Code | EN23090974 |
| Sample Name | Ambient Air | Sample Received on | 27-09-2023 |
| Sample Conditions at Receipt | Fit for Analysis | Test Commenced on | 28-09-2023 |
| Sampled by | Lab Authorized Sampler | Test Completed on | 29-09-2023 |

DETAILS OF SAMPLING

| | | | |
|--------------------|-------------------------|------------------|------------|
| Sampling Location | Near Office -South Side | Date of Sampling | 26-09-2023 |
| Sampling Procedure | SEAAL/ENL/GEN/SOP/02 | Humidity | 69% |

TEST RESULTS-CHEMICAL DISCIPLINE

| SL NO | PARAMETERS | TEST METHOD | UNIT | RESULT | NAAQ STANDARD |
|-------|---------------------------------------|-------------------------|-------------------|--------|---------------|
| 1 | Particulate matter, PM ₁₀ | IS 5182 (Part 23): 2006 | µg/m ³ | 71.3 | Max 100 |
| 2 | Particulate matter, PM _{2.5} | IS 5182 (Part 24): 2019 | µg/m ³ | 33.8 | Max 60 |
| 3 | Sulphur dioxide as SO ₂ | IS 5182 (Part 2): 2001 | µg/m ³ | 5.27 | Max 80 |
| 4 | Nitrogen dioxide as NO ₂ | IS 5182 (Part 6): 2006 | µg/m ³ | 6.52 | Max 80 |
| 5 | Carbon monoxide as CO. | IS 5182 (Part 10): 1999 | mg/m ³ | 0.80 | Max 4 |

Remarks:

End of Report

Checked by:



(Signature)

Laiju P N
Laboratory Head
Authorized Signatory

The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

Standards Environmental & Analytical Laboratories

Accreditation & Approval: NABL accredited Testing Laboratory as per ISO/IEC 17025:2017
vide Certificate No. TC - 12191 & "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. - 683 110
Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.sealabs.in, E-mail: sealab@gmail.com

Standards



TEST REPORT

ULR No: TC1219123000001805F

| | | |
|------------------------|------------------|-------------|
| LRI No.: SEAL23092343A | Date: 30-09-2023 | Page 1 of 1 |
|------------------------|------------------|-------------|

CUSTOMER DETAILS

| | |
|-------------------------|---|
| Customer Name & Address | M/s Lulu International Shopping Mall Pvt Ltd Nattakam, Kottayam District. |
| Customer Reference | Test Request date: 26-09-2023 |

SAMPLE DETAILS

| | | | |
|------------------------------|------------------------|--------------------|------------|
| Product Category | Atmospheric Pollution | Sample Code | EN23090975 |
| Sample Name | Ambient Air | Sample Received on | 27-09-2023 |
| Sample Conditions at Receipt | Fit for Analysis | Test Commenced on | 28-09-2023 |
| Sampled by | Lab Authorized Sampler | Test Completed on | 29-09-2023 |

DETAILS OF SAMPLING

| | | | |
|--------------------|--------------------------------|------------------|------------|
| Sampling Location | Near Security Cabin -West Side | Date of Sampling | 26-09-2023 |
| Sampling Procedure | SEAL/ENL/GEN/SOP/02 | Humidity | 69% |

TEST RESULTS-CHEMICAL DISCIPLINE

| SL NO | PARAMETERS | TEST METHOD | UNIT | RESULT | NAAQ STANDARD |
|-------|---------------------------------------|-------------------------|-------------------|--------|---------------|
| 1 | Particulate matter, PM ₁₀ | IS 5182 (Part 23): 2006 | µg/m ³ | 60.5 | Max 100 |
| 2 | Particulate matter, PM _{2.5} | IS 5182 (Part 24): 2019 | µg/m ³ | 29.2 | Max 60 |
| 3 | Sulphur dioxide as SO ₂ | IS 5182 (Part 2): 2001 | µg/m ³ | 4.87 | Max 80 |
| 4 | Nitrogen dioxide as NO ₂ | IS 5182 (Part 6): 2006 | µg/m ³ | 6.19 | Max 80 |
| 5 | Carbon monoxide as CO | IS 5182 (Part 10): 1999 | mg/m ³ | 0.65 | Max 4 |

Remarks:

End of Report

Checked by:



Laju P W
Laboratory Head
Authorized Signatory

The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

Standards Environmental & Analytical Laboratories

Accreditation & Approval: NABL accredited Testing Laboratory as per ISO/IEC 17025:2017

vide Certificate No. TC - 12191 & "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. - 683 110

Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.sealabs.in, E-mail: sealab@gmail.com

Standards



TEST REPORT

| | | |
|------------------------------------|------------------|-------------|
| ULR No: TC1219123000001806F | | |
| LRI No.: SEAAL23092344A | Date: 30-09-2023 | Page 1 of 1 |

| CUSTOMER DETAILS | |
|-------------------------|--|
| Customer Name & Address | M/s Lulu International Shopping Mall Pvt Ltd Nattakam, Kottayam District. |
| Customer Reference | Test Request date: 26-09-2023 |


| SAMPLE DETAILS | | | |
|------------------------------|------------------------|--------------------|------------|
| Product Category | Atmospheric Pollution | Sample Code | EN23090976 |
| Sample Name | Ambient Air | Sample Received on | 27-09-2023 |
| Sample Conditions at Receipt | Fit for Analysis | Test Commenced on | 28-09-2023 |
| Sampled by | Lab Authorized Sampler | Test Completed on | 29-09-2023 |

| DETAILS OF SAMPLING | | | |
|---------------------|----------------------|------------------|------------|
| Sampling Location | North Side | Date of Sampling | 26-09-2023 |
| Sampling Procedure | SEAAL/ENL/GEN/SOP/02 | Humidity | 69% |

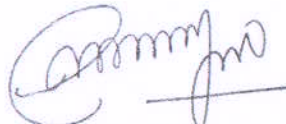
| TEST RESULTS-CHEMICAL DISCIPLINE | | | | | |
|----------------------------------|---------------------------------------|-------------------------|-------------------|--------|---------------|
| SL NO | PARAMETERS | TEST METHOD | UNIT | RESULT | NAAQ STANDARD |
| 1 | Particulate matter, PM ₁₀ | IS 5182 (Part 23): 2006 | µg/m ³ | 65.8 | Max 100 |
| 2 | Particulate matter, PM _{2.5} | IS 5182 (Part 24): 2019 | µg/m ³ | 32.3 | Max 60 |
| 3 | Sulphur dioxide as SO ₂ | IS 5182 (Part 2): 2001 | µg/m ³ | 4.24 | Max 80 |
| 4 | Nitrogen dioxide as NO ₂ | IS 5182 (Part 6): 2006 | µg/m ³ | 6.30 | Max 80 |
| 5 | Carbon monoxide as CO | IS 5182 (Part 10): 1999 | mg/m ³ | 0.86 | Max 4 |

Remarks:

End of Report


Checked by:




Laiju P N
Laboratory Head
Authorized Signatory

The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

Standards Environmental & Analytical Laboratories

Accreditation & Approval: NABL accredited Testing Laboratory as per ISO/IEC 17025:2017

vide Certificate No. TC - 12191 & "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. - 683 110

Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.sealabs.in, E-mail: sealab@gmail.com

Standards



TEST REPORT

ULR No: TC1219123000001807F

LRI No.: SEAL23092345A

Date: 30-09-2023

Page 1 of 1

CUSTOMER DETAILS

| | |
|-------------------------|--|
| Customer Name & Address | M/s Lulu International Shopping Mall Pvt Ltd Nattakam, Kottayam District. |
| Customer Reference | Test Request date: 26-09-2023 |

SAMPLE DETAILS

| | | | |
|------------------------------|------------------------|--------------------|------------|
| Product Category | Atmospheric Pollution | Sample Code | EN23090977 |
| Sample Name | Ambient Air | Sample Received on | 27-09-2023 |
| Sample Conditions at Receipt | Fit for Analysis | Test Commenced on | 28-09-2023 |
| Sampled by | Lab Authorized Sampler | Test Completed on | 29-09-2023 |

DETAILS OF SAMPLING

| | | | |
|--------------------|---------------------|------------------|------------|
| Sampling Location | East Side | Date of Sampling | 26-09-2023 |
| Sampling Procedure | SEAL/ENL/GEN/SOP/02 | Humidity | 69% |

TEST RESULTS-CHEMICAL DISCIPLINE

| SL NO | PARAMETERS | TEST METHOD | UNIT | RESULT | NAAQ STANDARD |
|-------|---------------------------------------|-------------------------|-------------------|--------|---------------|
| 1 | Particulate matter, PM ₁₀ | IS 5182 (Part 23): 2006 | µg/m ³ | 74.4 | Max 100 |
| 2 | Particulate matter, PM _{2.5} | IS 5182 (Part 24): 2019 | µg/m ³ | 38.1 | Max 60 |
| 3 | Sulphur dioxide as SO ₂ | IS 5182 (Part 2): 2001 | µg/m ³ | 4.91 | Max 80 |
| 4 | Nitrogen dioxide as NO ₂ | IS 5182 (Part 6): 2006 | µg/m ³ | 5.99 | Max 80 |
| 5 | Carbon monoxide as CO | IS 5182 (Part 10): 1999 | mg/m ³ | 0.81 | Max 4 |

Remarks:

End of Report

Checked by:



Laju P N
Laboratory Head
Authorized Signatory

The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

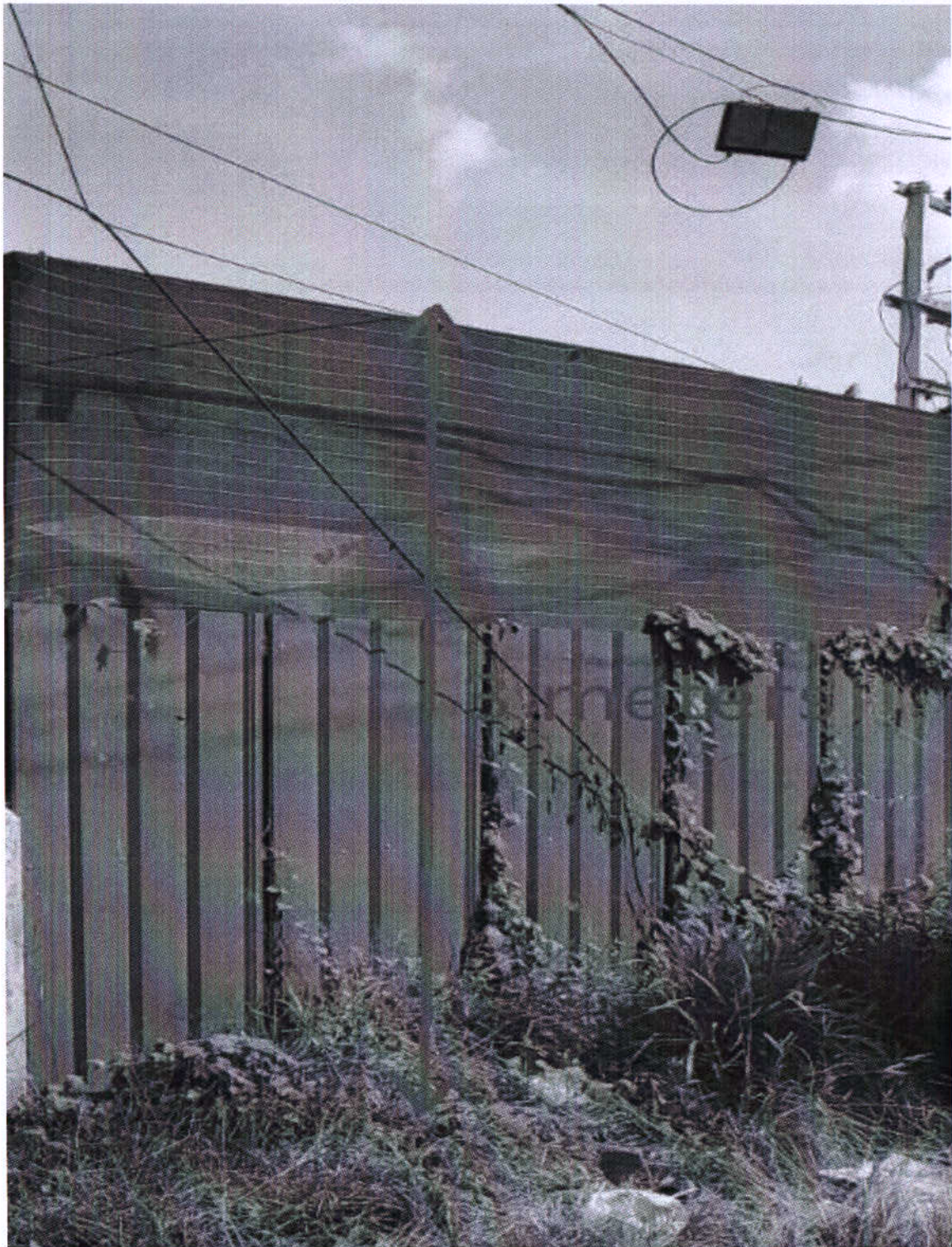
Standards Environmental & Analytical Laboratories

Accreditation & Approval: NABL accredited Testing Laboratory as per ISO/IEC 17025:2017
vide Certificate No. TC - 12191 & "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppattadam P.O., Ernakulam Dist. - 683 110
Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.sealabs.in, E-mail: seaalab@gmail.com



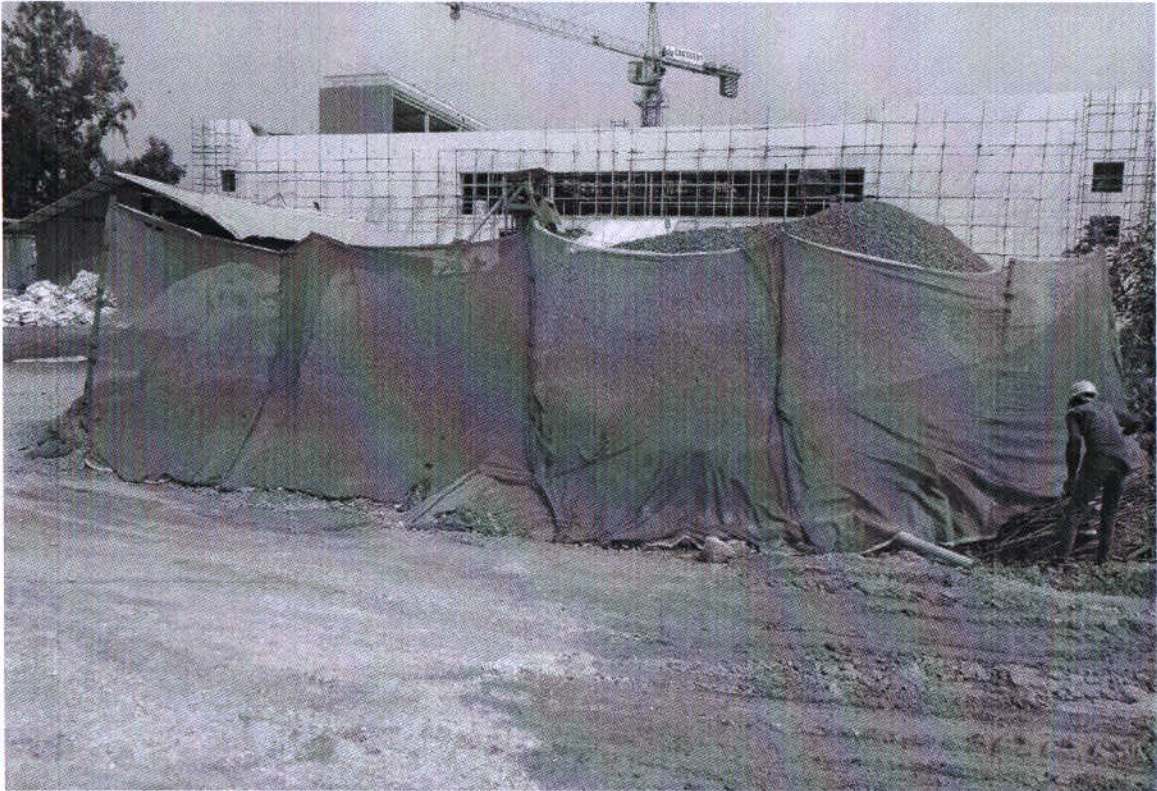
The Photographs of DG set using for construction work with the acoustic enclosure.



The Photographs of the construction site barricading



The Photograph of vehicle bringing construction materials covered with plastic / tarpaulin sheets.



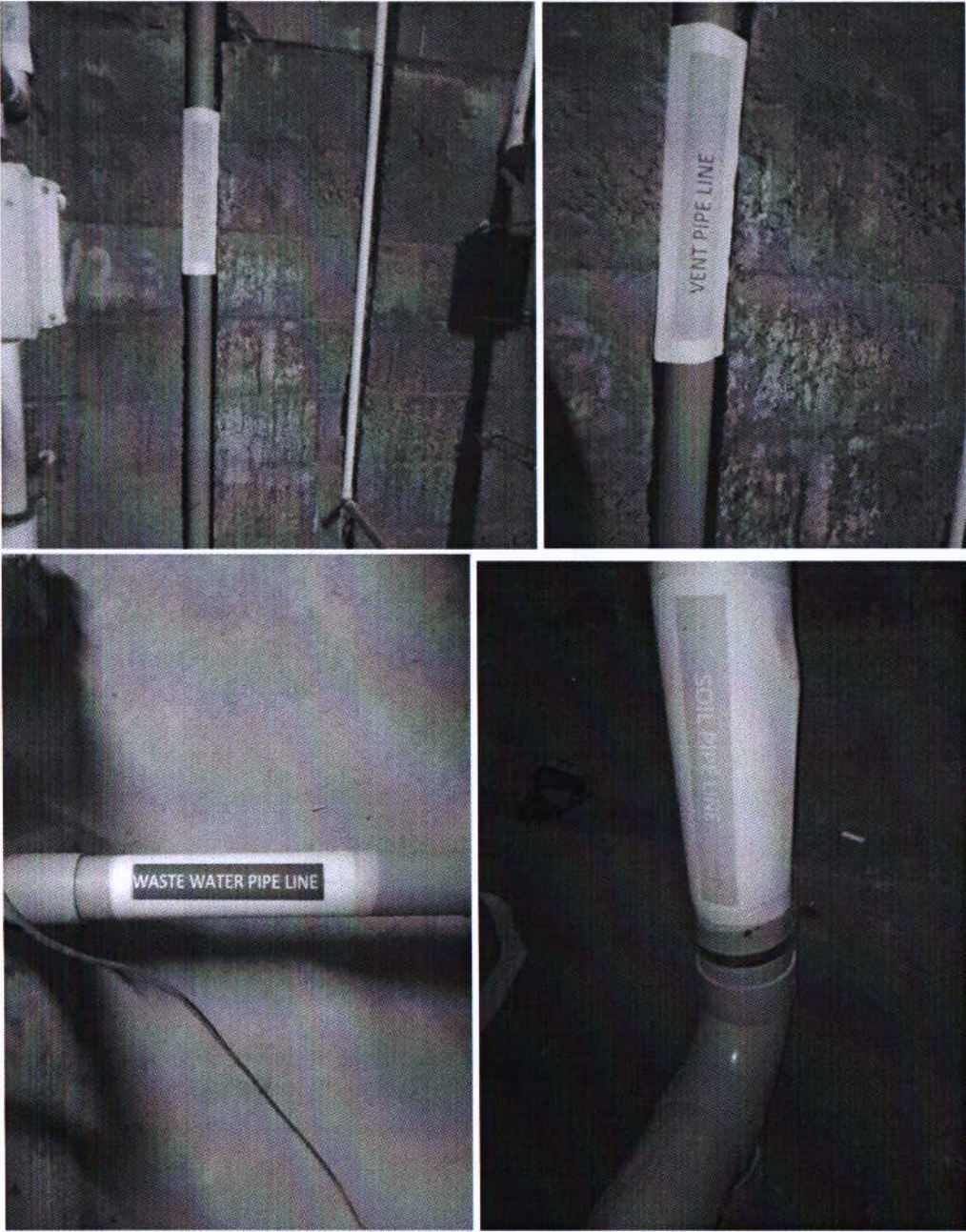
The Photograph of aggregates store at site



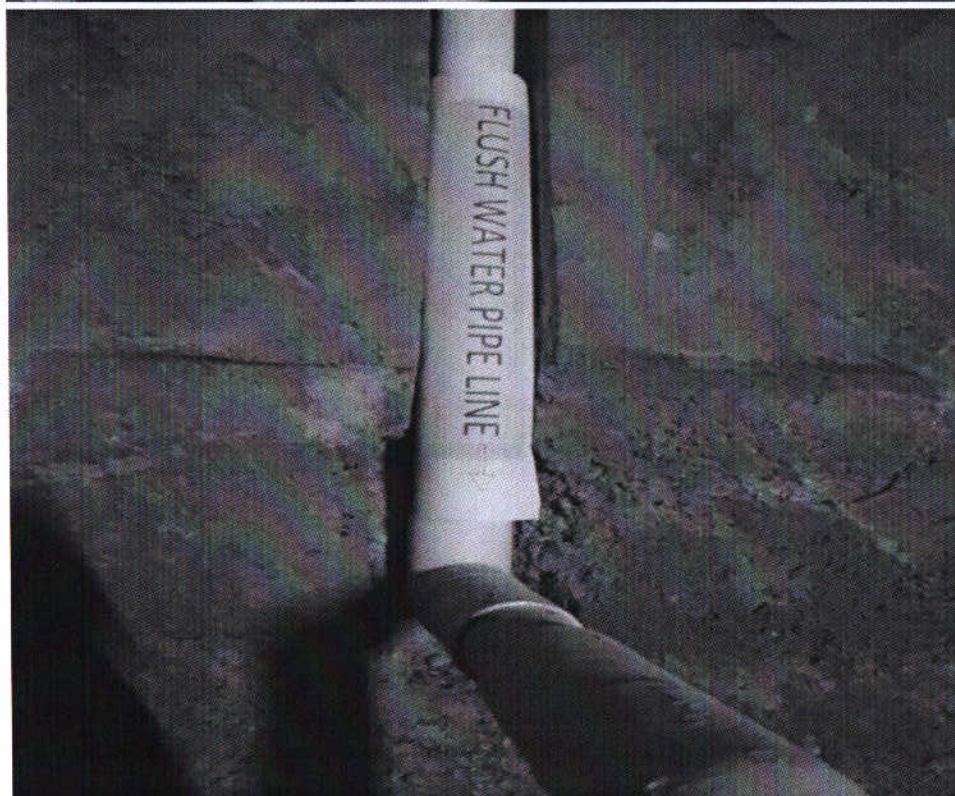
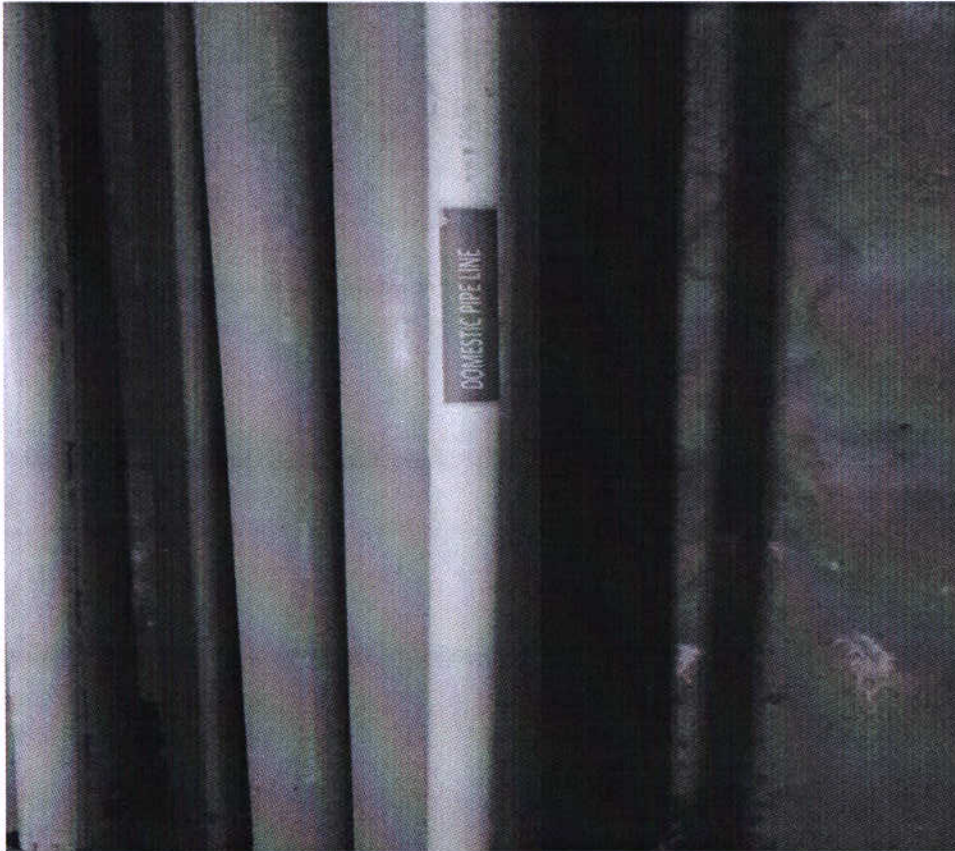
The Photograph of water sprinkled unpaved surface.

The photograph of dual plumbing system execution at site.

Drainage System



Water supply System





The Photograph of curing agent using at site and RMC usage

Standards



TEST REPORT

| | | |
|------------------------------------|------------------|-------------|
| ULR No: TC1219123000001812F | | |
| LRI No.: SEAAL23092350A | Date: 30-09-2023 | Page 1 of 2 |

CUSTOMER DETAILS

| | | | |
|-------------------------|--|--|--|
| Customer Name & Address | M/s Lulu International Shopping Mall Pvt Ltd Nattakam, Kottayam District. | | |
| Customer Reference | Test Request Date: 26-09-2023 | | |

SAMPLE DETAILS

| | | | |
|----------------------------------|----------------------------------|-----------------------|------------------------|
| Product Category | Water | Sample Code | WT23090589 |
| Sample Name | Surface Water | Sample Received on | 27-09-2023 |
| Sample Description by Customer | River Water In | Temperature @ Receipt | 5°C |
| Sample Conditions at Receipt | Fit for Analysis | Test Commenced on | 27-09-2023 |
| Sample Quantity & Packing | 2 L & 125 ml in a Plastic Bottle | Test Completed on | 29-09-2023 |
| Information Provided by Customer | --- | Sampled by | Lab Authorized Sampler |

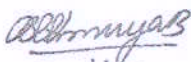
DETAILS OF SAMPLING

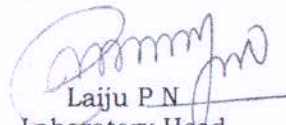
| | | | |
|--------------------|----------------------|--------------------|------------|
| Sample Source | Manipuzha | Date of Sampling | 26-09-2023 |
| Sampling Procedure | SEAAL/QAD/SOP/7.3/01 | Sample Temperature | 27°C |

TEST RESULTS- CHEMICAL DISCIPLINE

| Sl. No. | PARAMETERS | TEST METHOD | UNIT | RESULT | Requirement as per Acceptable Limit of IS 10500: 2012 |
|---------|-------------------------------------|-------------------------|-------|-----------|---|
| 1 | Colour | IS 3025 (Part 4): 1983 | Hazen | 10 | Max 5 |
| 2 | Odour | IS 3025 (Part 5): 1983 | --- | Agreeable | Agreeable |
| 3 | Turbidity | IS 3025 (Part 10): 1984 | NTU | 17 | Max 1 |
| 4 | pH | IS 3025 (Part 11): 1983 | --- | 5.71 | 6.50-8.50 |
| 5 | Total Dissolved Solids | IS 3025 (Part 16): 1984 | mg/L | 125 | Max 500 |
| 6 | Total Hardness as CaCO ₃ | IS 3025 (Part 21): 2009 | mg/L | 54.0 | Max 200 |
| 7 | Calcium as Ca | IS 3025 (Part 40): 1991 | mg/L | 11.2 | Max 75 |
| 8 | Magnesium as Mg | IS 3025 (Part 46): 1994 | mg/L | 6.33 | Max 30 |
| 9 | Chloride as Cl | IS 3025 (Part 32): 1988 | mg/L | 29.2 | Max 250 |

Checked By: 


Remya B
TM-Biological
Authorized Signatory


Laju P.N
Laboratory Head
Authorized Signatory

The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

Standards Environmental & Analytical Laboratories

Accreditation & Approval: NABL accredited Testing Laboratory as per ISO/IEC 17025:2017
vide Certificate No. TC - 12191 & "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. -683 110
Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.sealabs.in, E-mail: sealab@gmail.com

Standards



TEST REPORT

ULR No: TC1219123000001812F

LRI No.: SEAAL23092350A

Date: 30-09-2023

Page 2 of 2

TEST RESULTS- CHEMICAL DISCIPLINE

| Sl. No. | PARAMETERS | TEST METHOD | UNIT | RESULT | Requirement as per Acceptable Limit of IS 10500: 2012 |
|---------|---------------------------------------|---|------|-----------------|---|
| 10 | Total Alkalinity as CaCO ₃ | IS 3025 (Part 23): 1986 | mg/L | 35.6 | Max 200 |
| 11 | Iron as Fe | IS 3025 (Part 53): 2003 | mg/L | 7.52 | Max 1 |
| 12 | Sulphate as SO ₄ | IS 3025 (Part 24): 1986 | mg/L | 10.5 | Max 200 |
| 13 | Fluoride as F | IS 3025 (Part 60): 2008 | mg/L | <0.10 | Max 1 |
| 14 | Copper as Cu | IS 3025 (Part 42):1992 | mg/L | BDL (LOD-0.005) | Max 0.05 |
| 15 | Boron as B | IS 3025 (Part 57): 2005 | mg/L | <0.20 | Max 0.05 |
| 16 | Selenium as Se | APHA (23 rd Edtn)3114C: 2017 | mg/L | BDL (LOD-0.002) | Max 0.01 |
| 17 | Arsenic as As | IS 3025 (Part 37):1998 | mg/L | BDL(LOD-0.002) | Max 0.01 |
| 18 | Manganese as Mn | IS 3025 (Part 59):2006 | mg/L | BDL (LOD-0.05) | Max 0.05 |
| 19 | Aluminium as Al | IS 3025 (Part 55):2003 | mg/L | BDL (LOD-0.03) | Max 0.03 |
| 20 | Zinc as Zn | APHA 3111B 23 rd Edn: 2017 | mg/L | BDL (LOD-0.025) | Max 5.00 |
| 21 | Cadmium as Cd | IS 3025 (Part 41):1992 | mg/L | BDL (LOD-0.003) | Max 0.003 |
| 22 | Cyanide as CN | IS 3025 (Part 27):2021 | mg/L | <0.01 | Max 0.05 |
| 23 | Lead as Pb | IS 3025 (Part 47): 1994 | mg/L | BDL (LOD-0.01) | Max 0.01 |
| 24 | Mercury as Hg | IS 3025 (Part 48): 1994 | mg/L | BDL (LOD-0.001) | Max 0.001 |
| 25 | Chromium as Cr | IS 3025 (Part 52): 2003 | mg/L | BDL (LOD-0.05) | Max 0.05 |

TEST RESULTS - BIOLOGICAL DISCIPLINE

| Sl. No. | PARAMETERS | TEST METHOD | UNIT | RESULT | Requirement as per Acceptable Limit of IS 10500: 2012 |
|---------|-------------------------|----------------|------|---------------|---|
| 1 | Total Coliform Bacteria | IS 15185: 2016 | --- | Present/100ml | Absent/100 ml |
| 2 | E coli | IS 15185: 2016 | --- | Absent/100ml | Absent/100 ml |

Note: BDL-Below Detection Limit

LOD-Limit of Detection

Remarks:

End of Report

Checked by:



Remya B
TM-Biological
Authorized Signatory

Laju P N
Laboratory Head
Authorized Signatory

The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

Standards Environmental & Analytical Laboratories

Accreditation & Approval: NABL accredited Testing Laboratory as per ISO/IEC 17025:2017

vide Certificate No. TC - 12191 & "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. - 683 110

Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.sealabs.in, E-mail: seaalab@gmail.com

Standards



TEST REPORT

ULR No.: TC1219123000001813F

LRI No.: SEAAL23092351A

Date: 30-09-2023

Page 1 of 2

CUSTOMER DETAILS

| | |
|-------------------------|---|
| Customer Name & Address | M/s Lulu International Shopping Mall Pvt Ltd Nattakam, Kottayam District. |
| Customer Reference | Test Request Date: 26-09-2023 |

SAMPLE DETAILS

| | | | |
|----------------------------------|----------------------------------|-----------------------|------------------------|
| Product Category | Water | Sample Code | WT23090590 |
| Sample Name | Surface Water | Sample Received on | 27-09-2023 |
| Sample Description by Customer | River Water Out | Temperature @ Receipt | 5°C |
| Sample Conditions at Receipt | Fit for Analysis | Test Commenced on | 27-09-2023 |
| Sample Quantity & Packing | 2 L & 125 ml in a Plastic Bottle | Test Completed on | 29-09-2023 |
| Information Provided by Customer | --- | Sampled by | Lab Authorized Sampler |

DETAILS OF SAMPLING

| | | | |
|--------------------|----------------------|--------------------|------------|
| Sample Source | Manipuzha | Date of Sampling | 26-09-2023 |
| Sampling Procedure | SEAAL/QAD/SOP/7.3/01 | Sample Temperature | 27°C |

TEST RESULTS- CHEMICAL DISCIPLINE

| Sl. No. | PARAMETERS | TEST METHOD | UNIT | RESULT | Requirement as per Acceptable Limit of IS 10500: 2012 |
|---------|-------------------------------------|-------------------------|-------|-----------|---|
| 1 | Colour | IS 3025 (Part 4): 1983 | Hazen | 10 | Max 5 |
| 2 | Odour | IS 3025 (Part 5): 1983 | --- | Agreeable | Agreeable |
| 3 | Turbidity | IS 3025 (Part 10): 1984 | NTU | 14.2 | Max 1 |
| 4 | pH | IS 3025 (Part 11): 1983 | --- | 6.00 | 6.50-8.50 |
| 5 | Total Dissolved Solids | IS 3025 (Part 16): 1984 | mg/L | 117 | Max 500 |
| 6 | Total Hardness as CaCO ₃ | IS 3025 (Part 21): 2009 | mg/L | 54.0 | Max 200 |
| 7 | Calcium as Ca | IS 3025 (Part 40): 1991 | mg/L | 11.2 | Max 75 |
| 8 | Magnesium as Mg | IS 3025 (Part 46): 1994 | mg/L | 6.33 | Max 30 |
| 9 | Chloride as Cl | IS 3025 (Part 32): 1988 | mg/L | 24.2 | Max 250 |

Checked by



Remya B
TM-Biological
Authorized Signatory

Lajju P N
Laboratory Head
Authorized Signatory

The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

Standards Environmental & Analytical Laboratories

Accreditation & Approval: NABL accredited Testing Laboratory as per ISO/IEC 17025:2017
vide Certificate No. TC - 12191 & "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. - 683 110
Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.sealabs.in, E-mail: seaalab@gmail.com

Standards



TEST REPORT

ULR No.: TC1219123000001813F

LRI No.: SEAAL23092351A

Date: 30-09-2023

Page 2 of 2

TEST RESULTS- CHEMICAL DISCIPLINE

| Sl. No. | PARAMETERS | TEST METHOD | UNIT | RESULT | Requirement as per Acceptable Limit of IS 10500: 2012 |
|---------|---------------------------------------|---|------|-----------------|---|
| 10 | Total Alkalinity as CaCO ₃ | IS 3025 (Part 23): 1986 | mg/L | 33.7 | Max 200 |
| 11 | Iron as Fe | IS 3025 (Part 53): 2003 | mg/L | 3.58 | Max 1 |
| 12 | Sulphate as SO ₄ | IS 3025 (Part 24): 1986 | mg/L | 8.72 | Max 200 |
| 13 | Fluoride as F | IS 3025 (Part 60): 2008 | mg/L | <0.10 | Max 1 |
| 14 | Copper as Cu | IS 3025 (Part 42):1992 | mg/L | BDL (LOD-0.005) | Max 0.05 |
| 15 | Boron as B | IS 3025 (Part 57): 2005 | mg/L | <0.20 | Max 0.05 |
| 16 | Selenium as Se | APHA (23 rd Edtn)3114C: 2017 | mg/L | BDL (LOD-0.002) | Max 0.01 |
| 17 | Arsenic as As | IS 3025 (Part 37):1998 | mg/L | BDL(LOD-0.002) | Max 0.01 |
| 18 | Manganese as Mn | IS 3025 (Part 59):2006 | mg/L | BDL (LOD-0.05) | Max 0.05 |
| 19 | Aluminium as Al | IS 3025 (Part 55):2003 | mg/L | BDL (LOD-0.03) | Max 0.03 |
| 20 | Zinc as Zn | APHA 3111B 23 rd Edn: 2017 | mg/L | BDL (LOD-0.025) | Max 5.00 |
| 21 | Cadmium as Cd | IS 3025 (Part 41):1992 | mg/L | BDL (LOD-0.003) | Max 0.003 |
| 22 | Cyanide as CN | IS 3025 (Part 27):2021 | mg/L | <0.01 | Max 0.05 |
| 23 | Lead as Pb | IS 3025 (Part 47): 1994 | mg/L | BDL (LOD-0.01) | Max 0.01 |
| 24 | Mercury as Hg | IS 3025 (Part 48): 1994 | mg/L | BDL (LOD-0.001) | Max 0.001 |
| 25 | Chromium as Cr | IS 3025 (Part 52): 2003 | mg/L | BDL (LOD-0.05) | Max 0.05 |

TEST RESULTS - BIOLOGICAL DISCIPLINE

| Sl. No. | PARAMETERS | TEST METHOD | UNIT | RESULT | Requirement as per Acceptable Limit of IS 10500: 2012 |
|---------|-------------------------|----------------|------|---------------|---|
| 1 | Total Coliform Bacteria | IS 15185: 2016 | --- | Present/100ml | Absent/100 ml |
| 2 | E coli | IS 15185: 2016 | --- | Absent/100ml | Absent/100 ml |

Note: BDL-Below Detection Limit

LOD-Limit of Detection

Remarks:

End of Report

Checked by:



Remya B
TM-Biological
Authorized Signatory

Laiju P N
Laboratory Head
Authorized Signatory

The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

Standards Environmental & Analytical Laboratories

Accreditation & Approval: NABL accredited Testing Laboratory as per ISO/IEC 17025:2017
vide Certificate No. TC - 12191 & "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. - 683 110
Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.sealabs.in, E-mail: seaalab@gmail.com

Standards



TEST REPORT

| | | |
|------------------------------------|------------------|-------------|
| ULR No: TC1219123000001808F | | |
| LRI No.: SEAAL23092346A | Date: 30-09-2023 | Page 1 of 1 |

| CUSTOMER DETAILS | |
|-------------------------|--|
| Customer Name & Address | M/s Lulu International Shopping Mall Pvt Ltd Nattakam, Kottayam District. |
| Customer Reference | Test Request Date: 26-09-2023 |

| DETAILS OF MONITORING | | | |
|-----------------------|-------------------------|-------------------------|------------------------|
| Product Category | Atmospheric Pollution | Sample Code | EN23090978 |
| Sample Name | Ambient Noise | Monitoring Commenced on | 26-09-2023/ 10:30 |
| Monitoring Location | Near Office -South Side | Monitoring Completed on | 27-09-2023/ 10:30 |
| Test Method | IS 9989:1981 | Monitored by | Lab Authorized Sampler |

| MONITORING RESULTS - Leq | | | | | |
|--------------------------|---------------|-------|---------------|-------|---------------|
| TIME | RESULTS dB(A) | TIME | RESULTS dB(A) | TIME | RESULTS dB(A) |
| 06:00 | 38.1 | 14:00 | 51.1 | 22:00 | 36.9 |
| 07:00 | 40.9 | 15:00 | 51.5 | 23:00 | 35.8 |
| 08:00 | 45.2 | 16:00 | 52.7 | 24:00 | 38.4 |
| 09:00 | 48.7 | 17:00 | 53.1 | 01:00 | 39.1 |
| 10:00 | 51.1 | 18:00 | 47.6 | 02:00 | 38.7 |
| 11:00 | 54.2 | 19:00 | 44.0 | 03:00 | 39.5 |
| 12:00 | 51.5 | 20:00 | 40.1 | 04:00 | 38.4 |
| 13:00 | 50.7 | 21:00 | 39.6 | 05:00 | 40.2 |

| TEST RESULTS - CHEMICAL DISCIPLINE | | | |
|------------------------------------|---|-------|--------|
| Sl. No. | PARAMETERS | UNIT | RESULT |
| 1 | Ambient Sound Level (Leq) Day Time (06:00 to 22:00) | dB(A) | 49.6 |
| 2 | Ambient Sound Level (Leq) Night Time (22:00 to 06:00) | dB(A) | 38.8 |

Remarks:

End of Report

Checked by:



Laiju P N
Laboratory Head
Authorized Signatory

The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

Standards Environmental & Analytical Laboratories

Accreditation & Approval: NABL accredited Testing Laboratory as per ISO/IEC 17025:2017
vide Certificate No. TC - 12191 & "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. -683 110
Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.sealabs.in, E-mail: seaalab@gmail.com

Standards



TEST REPORT

| | | |
|------------------------------------|------------------|-------------|
| ULR No: TC1219123000001809F | | |
| LRI No.: SEAAL23092347A | Date: 30-09-2023 | Page 1 of 1 |

| CUSTOMER DETAILS | |
|-------------------------|--|
| Customer Name & Address | M/s Lulu International Shopping Mall Pvt Ltd Nattakam, Kottayam District. |
| Customer Reference | Test Request Date: 26-09-2023 |


| DETAILS OF MONITORING | | | |
|-----------------------|--------------------------------|-------------------------|------------------------|
| Product Category | Atmospheric Pollution | Sample Code | EN23090979 |
| Sample Name | Ambient Noise | Monitoring Commenced on | 26-09-2023/ 10:30 |
| Monitoring Location | Near Security Cabin -West Side | Monitoring Completed on | 27-09-2023/ 10:30 |
| Test Method | IS 9989:1981 | Monitored by | Lab Authorized Sampler |

| MONITORING RESULTS - Leq | | | | | |
|--------------------------|---------------|-------|---------------|-------|---------------|
| TIME | RESULTS dB(A) | TIME | RESULTS dB(A) | TIME | RESULTS dB(A) |
| 06:00 | 38.3 | 14:00 | 51.4 | 22:00 | 37.1 |
| 07:00 | 41.1 | 15:00 | 51.7 | 23:00 | 36.1 |
| 08:00 | 45.4 | 16:00 | 52.9 | 24:00 | 38.7 |
| 09:00 | 49.0 | 17:00 | 53.3 | 01:00 | 39.4 |
| 10:00 | 51.4 | 18:00 | 47.8 | 02:00 | 39.1 |
| 11:00 | 54.5 | 19:00 | 44.2 | 03:00 | 39.8 |
| 12:00 | 51.7 | 20:00 | 40.3 | 04:00 | 38.7 |
| 13:00 | 51.0 | 21:00 | 39.8 | 05:00 | 40.5 |


| TEST RESULTS - CHEMICAL DISCIPLINE | | | |
|------------------------------------|---|-------|--------|
| Sl. No. | PARAMETERS | UNIT | RESULT |
| 1 | Ambient Sound Level (Leq) Day Time (06:00 to 22:00) | dB(A) | 49.8 |
| 2 | Ambient Sound Level (Leq) Night Time (22:00 to 06:00) | dB(A) | 39.1 |

Remarks:

End of Report

Checked by: 




Laiju P N
Laboratory Head
Authorized Signatory

The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

Standards Environmental & Analytical Laboratories

Accreditation & Approval: NABL accredited Testing Laboratory as per ISO/IEC 17025:2017
vide Certificate No. TC - 12191 & "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. - 683 110
Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.sealabs.in, E-mail: sealab@gmail.com

Standards



TEST REPORT

| | | |
|------------------------------------|------------------|-------------|
| ULR No: TC1219123000001810F | | |
| LRI No.: SEAAL23092348A | Date: 30-09-2023 | Page 1 of 1 |

| CUSTOMER DETAILS | |
|-------------------------|--|
| Customer Name & Address | M/s Lulu International Shopping Mall Pvt Ltd Nattakam, Kottayam District. |
| Customer Reference | Test Request Date: 26-09-2023 |

| DETAILS OF MONITORING | | | |
|-----------------------|-----------------------|-------------------------|------------------------|
| Product Category | Atmospheric Pollution | Sample Code | EN23090980 |
| Sample Name | Ambient Noise | Monitoring Commenced on | 26-09-2023/ 10:30 |
| Monitoring Location | North Side | Monitoring Completed on | 27-09-2023/ 10:30 |
| Test Method | IS 9989:1981 | Monitored by | Lab Authorized Sampler |

| MONITORING RESULTS - Leq | | | | | |
|--------------------------|---------------|-------|---------------|-------|---------------|
| TIME | RESULTS dB(A) | TIME | RESULTS dB(A) | TIME | RESULTS dB(A) |
| 06:00 | 38.2 | 14:00 | 51.2 | 22:00 | 37.0 |
| 07:00 | 41.0 | 15:00 | 51.6 | 23:00 | 35.7 |
| 08:00 | 45.3 | 16:00 | 52.8 | 24:00 | 38.3 |
| 09:00 | 48.9 | 17:00 | 53.2 | 01:00 | 39.0 |
| 10:00 | 51.2 | 18:00 | 47.7 | 02:00 | 38.6 |
| 11:00 | 54.4 | 19:00 | 44.1 | 03:00 | 39.4 |
| 12:00 | 51.6 | 20:00 | 40.2 | 04:00 | 38.3 |
| 13:00 | 50.8 | 21:00 | 39.7 | 05:00 | 40.1 |

| TEST RESULTS - CHEMICAL DISCIPLINE | | | |
|------------------------------------|---|-------|--------|
| Sl. No. | PARAMETERS | UNIT | RESULT |
| 1 | Ambient Sound Level (Leq) Day Time (06:00 to 22:00) | dB(A) | 49.7 |
| 2 | Ambient Sound Level (Leq) Night Time (22:00 to 06:00) | dB(A) | 38.7 |

Remarks:

End of Report

Handwritten signature
Checked by:



Handwritten signature
Laju P N
Laboratory Head
Authorized Signatory

The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

Standards Environmental & Analytical Laboratories

Accreditation & Approval: NABL accredited Testing Laboratory as per ISO/IEC 17025:2017
vide Certificate No. TC - 12191 & "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. - 683 110
Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.sealabs.in, E-mail: sealab@gmail.com

Standards



TC-12191

TEST REPORT

| | | |
|------------------------------------|------------------|-------------|
| ULR No: TC1219123000001811F | | |
| LRI No.: SEaal23092349A | Date: 30-09-2023 | Page 1 of 1 |

| CUSTOMER DETAILS | |
|-------------------------|--|
| Customer Name & Address | M/s Lulu International Shopping Mall Pvt Ltd Nattakam, Kottayam District. |
| Customer Reference | Test Request Date: 26-09-2023 |

| DETAILS OF MONITORING | | | |
|-----------------------|-----------------------|-------------------------|------------------------|
| Product Category | Atmospheric Pollution | Sample Code | EN23090981 |
| Sample Name | Ambient Noise | Monitoring Commenced on | 26-09-2023/ 10:30 |
| Monitoring Location | East Side | Monitoring Completed on | 27-09-2023/ 10:30 |
| Test Method | IS 9989:1981 | Monitored by | Lab Authorized Sampler |

| MONITORING RESULTS - Leq | | | | | |
|--------------------------|---------------|-------|---------------|-------|---------------|
| TIME | RESULTS dB(A) | TIME | RESULTS dB(A) | TIME | RESULTS dB(A) |
| 06:00 | 37.8 | 14:00 | 50.7 | 22:00 | 36.7 |
| 07:00 | 40.6 | 15:00 | 51.1 | 23:00 | 35.9 |
| 08:00 | 44.9 | 16:00 | 52.3 | 24:00 | 38.5 |
| 09:00 | 48.4 | 17:00 | 52.7 | 01:00 | 39.2 |
| 10:00 | 50.7 | 18:00 | 47.2 | 02:00 | 38.9 |
| 11:00 | 53.8 | 19:00 | 43.7 | 03:00 | 39.6 |
| 12:00 | 51.1 | 20:00 | 39.8 | 04:00 | 38.5 |
| 13:00 | 50.3 | 21:00 | 39.3 | 05:00 | 40.3 |

| TEST RESULTS - CHEMICAL DISCIPLINE | | | |
|------------------------------------|---|-------|--------|
| Sl. No. | PARAMETERS | UNIT | RESULT |
| 1 | Ambient Sound Level (Lcq) Day Time (06:00 to 22:00) | dB(A) | 49.2 |
| 2 | Ambient Sound Level (Leq) Night Time (22:00 to 06:00) | dB(A) | 38.9 |

Remarks:

End of Report

Checked by:



Laiju P N
Laiju P N
Laboratory Head
Authorized Signatory

The results are related only to the samples submitted for analysis and this test report shall not be reproduced except in full, without the written approval of the laboratory.

Standards Environmental & Analytical Laboratories

Accreditation & Approval: NABL accredited Testing Laboratory as per ISO/IEC 17025:2017
vide Certificate No. TC - 12191 & "A" Grade Laboratory approved by KSPCB.

'Standards' Bldg. No: 338/A,B,C,D,E (Behind BPCL Petrol Pump), Edayar, Muppathadam P.O., Ernakulam Dist. - 683 110
Tel. 0484-2546660, 93872 72402, 90743 41443, Web: www.sealabs.in, E-mail: seaalab@gmail.com



The Photographs of the acoustic installation works of DG for the project

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :
GOVERNMENT OF KERALA

Date : 21/10/2023
Time : 12:25:11 PM
Validity upto : 20/10/2024



Certificate SL No. : KL00500100012894
Registration No. : KL40U0353
Date of Registration : 09/Jun/2022
Month & Year of Manufacturing : January-2022
Valid Mobile Number : *****2685
Emission Norms : BHARAT STAGE VI
Fuel : DIESEL
PUC Code : KL0050010
GSTIN :
Fees : Rs.180.00
(GST to be paid extra as applicable)
ML observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm



| Sr. No. | Pollutant (as applicable) | Units (as applicable) | Emission limits | Measured Value (upto 2 decimal places) |
|-----------------------|------------------------------|-----------------------|-----------------|--|
| 1 | 2 | 3 | 4 | 5 |
| Idling Emissions | Carbon Monoxide (CO) | percentage (%) | | |
| | Hydrocarbon, (THC/HC) | ppm | | |
| High idling emissions | CO | percentage (%) | | |
| | RPM | RPM | 2500 ± 200 | |
| | Lambda | - | 1 ± 0.03 | |
| Smoke Density | Light absorption coefficient | 1/metre | 0.7 | 0.08 |

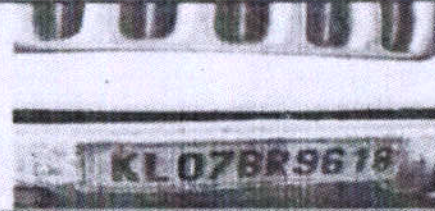
This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator
60mm x 20 mm

Form 59

[See rules 115 (2)]

Pollution Under Control CertificateAuthorised By :
GOVERNMENT OF KERALADate : 21/10/2023
Time : 12:00:01 PM
Validity upto : 20/04/2024Certificate SL. No. : KL00500100012890
Registration No. : KL07BR9618
Date of Registration : 19/Aug/2011
Month & Year of Manufacturing : July-2011
Valid Mobile Number : *****2685
Emission Norms : BHARAT STAGE III
Fuel : DIESEL
PUC Code : KL0050010
GSTIN :
Fees : Rs.110.00
(GST to be paid extra as applicable)
MIL observation : NoVehicle Photo with Registration plate
60 mm x 30 mm

| Sr. No. | Pollutant (as applicable) | Units (as applicable) | Emission limits | Measured Value (upto 2 decimal places) |
|-----------------------|------------------------------|-----------------------|-----------------|--|
| 1 | 2 | 3 | 4 | 5 |
| Idling Emissions | Carbon Monoxide (CO) | percentage (%) | | |
| | Hydrocarbon, (THC/HC) | ppm | | |
| High idling emissions | CO | percentage (%) | | |
| | RPM | RPM | 2500 ± 200 | |
| | Lambda | - | 1 ± 0.03 | |
| Smoke Density | Light absorption coefficient | 1/metre | 2.45 | 0.14 |

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>Authorised Signature with stamp of PUC operator
60mm x 20 mm

Form 59

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :
GOVERNMENT OF KERALA

Date : 21/10/2023
Time : 12:34:19 PM
Validity upto : 20/04/2024



Certificate SL No. : KL00500100012896
Registration No. : KL07BS1305
Date of Registration : 05/Sep/2011
Month & Year of Manufacturing : -2011
Valid Mobile Number : *****2685
Emission Norms : BHARAT STAGE III
Fuel : DIESEL
PUC Code : KL0050010
GSTIN :
Fees : Rs.110.00
(GST to be paid extra as applicable)
Mil observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm



| Sr. No. | Pollutant (as applicable) | Units (as applicable) | Emission limits | Measured Value (upto 2 decimal places) |
|-----------------------|------------------------------|-----------------------|-----------------|--|
| 1 | 2 | 3 | 4 | 5 |
| Idling Emissions | Carbon Monoxide (CO) | percentage (%) | | |
| | Hydrocarbon, (THC/HC) | ppm | | |
| High idling emissions | CO | percentage (%) | | |
| | RPM | RPM | 2500 ± 200 | |
| | Lambda | - | 1 ± 0.03 | |
| Smoke Density | Light absorption coefficient | 1/metre | 2.45 | 0.14 |

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator
60mm x 20 mm



Photograph of workers using dust mask, safety harness etc.



First Aid Room is provided at the project site



Malls. Hypermarkets. Department stores. Supermarkets

Lulu Mall Kottayam
 LULU INTERNATIONAL SHOPPING MALLS PVT.LTD
 34, 1000, Old NH 47, Edapally Junction
 Nethaji Nagar, Edapally
 Kochi – 682 024
 Phone No: 0484-2727776/94
 Email: lulukochi@luluindia.com

Lulu Shopping Mall Kottayam – EC- EMC Meeting

Meeting No : 4
 Date & Time of Meeting : 01-09-2023, 10.30 AM.
 Venue : Lulu RO Office, Kochi

Attendees:

| Name | Designation/ Organization | Title | Absentees |
|-----------------------|---------------------------------------|------------------|-----------|
| Mr. Sadhik Kassim | Commercial Manager - Lulu Kochi | Chairman | |
| Mr. Babu Varghese | Project Director - Lulu Kochi | Member | |
| Mr. Paul KO | General Manager (MEP) - Lulu Kochi | Member | |
| Mr. Midhun Chullickal | Legal officer – Lulu Kochi | Member | |
| Mr. Beshy Kuriakose | Project Manager – Lulu Kottayam | Member Secretary | |

Distribution: All attendees plus

| Name | Designation | Organization |
|----------------|------------------|---------------|
| Mr. Nishad M A | Director and CEO | Lulu Kochi |
| Project office | | Lulu Kottayam |

| SI No | Subject/ Action/ Information | Action By | Date |
|-------|--|-------------|------|
| | <p>The Environmental Management Cell was formed as per clause 10.60 of the EC issued to the project. The committee must monitor the actions to be taken to mitigate environmental impacts and other requirements mentioned in EC, if any for this project. This meeting should happen every 6 months. The committee was formed with 1. Mr. Sadik Kasim, Commercial Manager as Chairman; 2. Mr. Babu Varghese, Project Director as Member; 3. Mr. Paul K Olekkengil, General Manager as Member, 4. Mr. Midhun Chullickal, Legal Officer as Member and 5. Mr. Beshy Kuriakose as Member Secretary.</p> | | |
| | <p>The EC was awarded to the project on 22.12.2021 through the environmental clearance number EC21A038KL164412 by Ministry of Environment Forest and Climate change.</p> <p>The committee reviewed all conditions mentioned in the environmental clearance.</p> <p>The committee was already decided to attend all conditions mentioned in the EC, priority wise as well as project schedule wise. The committee received the actions taken place at project site regarding the compliances.</p> <p>As per the condition mentioned clause 10.4, <i>"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"</i>.</p> <p>The committee reviewed and ensured the previous compliance report was submitted on 10 .04.2023, The clearance portal. The next compliance report to be submitted in the month of October 2023.</p> <p>As per the condition mentioned in clause 1.05, in chapter 4, <i>"The project proponent shall obtain Consent to establish from pollution control board"</i>.</p> <p>The project proponent applied for and obtained revised "Consent to establish" from Kerala pollution control board on 02.10.2022.</p> | <p>Lulu</p> | |

| | | | |
|--|---|------|--|
| | <p>As per the clause 11 of chapter 3A, <i>"The Project Proponent is under obligation to obtain approvals / clearances under any other Acts / Regulations or Statutes as applicable."</i></p> <p>The committee evaluated that this condition is complied as the project obtained revised building permit and fire NOC.</p> <p>As per the clause 10 of chapter 3A, <i>"The Solar panel vendor M/S Uronic informed that the production of all solar panels has been completed."</i></p> <p>The committee decided to stock the solar panels at own warehouse, till completion of the civil structure.</p> <p>As per Clause 2 of chapter 3A, <i>"The project proponent shall construct 140 KLD capacity sewage treatment plant at the project site"</i>.</p> <p>The work is already started, and committee evaluated the progress.</p> | Lulu | |
|--|---|------|--|

Prepared by Lulu Mall Kottayam

NOTE: The preceding is intended to be an accurate recording of the discussions of the meeting. It is the responsibility of those who present to identify any errors or omissions. These corrections should be noted to the recorder within **two (2) days** of the issuance of these minutes. If no comments are provided in writing within this time frame, the minutes of meeting will be considered as accepted as recorded.