

Date: 04/05/2024



To,

**Regional Directorate, Pune, Central Pollution Control Board,  
(Ministry of Environment, Forest & Climate Change), Govt. of India,  
Survey no. 110, Dhankude Multipurpose Hall,  
Baner Road, Baner, Pune – 411 045. Maharashtra.**

**Sub : Submission of six monthly compliance reports as per terms & conditions  
Stipulated in Environmental clearance letter for proposed Proposed  
Residential and Commercial Project at CTS No, 657, Survey No. 17, Safed  
Pool, Andheri Kurla Road, Village Mohili, Lward, Mumbai —400072  
Maharashtra.**

**Ref. No. : Environment clearance no. SIA/MH/MIS/143467/2020, dated: 27/10/2020.**

Respected Sir/Madam,

In reference to the above referred letter of your highly revered office we would like to submit the Current status of our construction work and point-wise compliance status to various stipulations in its Clearance letter no. **SIA/MH/MIS/143467/2020, dated: 27/10/2020** along with the necessary annexure.

This compliance report is submitted for the period from **October 2023 to March 2024**

This is for your kind consideration and records. Kindly acknowledge the same.

Thanking you,

With warm regards,

**For, Landcare Realty LLP**

**Authorized Signatory**



**Encl : Part A: Current status of construction work.  
Part B: Point-wise compliance status.  
Datasheet & Annexures.**

**Copy to Regional Office, MoEF & CC, Nagpur.  
Regional Office, MPCB, Sion, Mumbai.  
Department of Environment, Mantralaya, Mumbai.**

**LANDCARE REALTY LLP**

**Builders & Developers**

Orbit Plaza | 6th floor | New Prabhadevi Marg | Prabhadevi | Mumbai 400 025  
www.pridegroup.net | info@pridelifestyles.com | Tel. 4334 3501 | Fax. 2421 8130

Mumbai | Pune | Bangalore

Your ( <b>Environment Clearance</b> ) application has been <b>Submitted</b> with following details	
Proposal No	SIA/MH/MIS/143467/2020
Compliance ID	65396223
Compliance Number(For Tracking)	EC/M/COMPLIANCE/65396223/2024
Reporting Year	2024
Reporting Period	01 Jun(01 Oct - 31 Mar)
Submission Date	04-05-2024
IRO Name	V Geroge Jenner
IRO Email	tr025@ifs.nic.in
State	MAHARASHTRA
IRO Office Address	Integrated Regional Offices, Nagpur
<b>Note:-</b> SMS and E-Mail has been sent to V Geroge Jenner, MAHARASHTRA with Notification to Project Proponent.	

[Back](#)

## View Compliance Report at Project Proponent

### Proposal Details

<b>Proposal No</b>	SIA/MH/MIS/143467/2020	<b>Category</b>	INFRA-2
<b>Name of Project</b>	Residential and Commercial project at CTS nos. 657, Survey no. 17, Safed Pool, Andheri-Kurla Road, Village Mohili, L Ward, Mumbai		
<b>Plot / Survey/ Khasra No. Sub-District(s)</b>		<b>Village(s)</b>	
<b>State</b>	MAHARASHTRA	<b>District</b>	MUMBAI
<b>MoEF File No</b>	SIA/MH/MIS/143467/2020	<b>Name of the Entity/ Corporate Office</b>	Landscape Realty LLP
<b>Entity's PAN</b>	NA	<b>Entity details mentioned above is correct ?</b>	Agree
<b>Entity Name as per PAN</b>	NA		
<b>Project KML</b>	NA		

### Covering Letter

**Covering Letter** [Click to View](#)

Compliance Reporting Details

Reporting Year

2024

Reporting Period

01 Jun(01 Oct - 31 Mar)

Remark(if any)

Construction work status for period March 2024 is as follows:- Current status of work as on March 2024.  
Basements Completed ABC wing - 6th floor Completed. Podium Completed. Area - 16314.46 sq.mts

Details of Production and Project Area

Date of Commencement of Project/Activity

04-06-2021

	Project Area as per EC Granted(ha.)	Actual Project Area in Possession(ha.)
Private	0	0
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	0	0

Sr.No.	Name of the Product	Units	As per EC Granted	As per CTO Granted	CTO ID	Valid Up To	Production during last financial year
1	Residential and Commercial project at CTS nos. 657, Survey no. 17, Safed Pool, Andheri-Kurla Road, V	Square per Meter(SQM)	34,892.16 Sq. mt.			null	16314.46 sq.mts

Conditions



## Specific Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks / Reason and Supporting Documents	
1	Statutory compliance	PP to submit the sewerage network, water supply, storm water drains NOC from local planning authority.	PPs Submission	Development Plan remarks with additional information of external water pipeline, Sewer line and Drainage line. Please refer Annexure – 1 for Development Plan remark. Municipal Corporation of Greater Mumbai has issue water NOC vide letter no. HE/000797/2021/L/ES, Date: 26/04/2021. Please refer Annexure – 2 for HE NOC. Sewerage remark issue by MCGM vide letter no. 4536/REM/2018/SP/515, Date: 09/11/2020. Please refer Annexure – 3 for Sewerage NOC. MCGM has issue storm water drain remark vide letter no. 000186/2020/L/ES, Date: 09/11/2020. □Please refer Annexure – 4 for Storm Water Drain Remark. Complied Attachment: <a href="#">Click to View</a>
2	Statutory compliance	PP to submit & upload wind analysis, shadow analysis, traffic analysis, light and ventilation analysis and measures to reduce heat island effect 10%.	PPs Submission	Please refer Annexure – 5 for detailed wind analysis, shadow analysis, traffic analysis, light and ventilation analysis and heat island effect study report. Complied Attachment: <a href="#">Click to View</a>
3	Statutory compliance	Nalla adjoining the project shall neither be diverted nor be covered by slab.	PPs Submission	We ensure that Nalla adjoining the project shall not be diverted or covered. Agreed to Comply Attachment:NA
4	Statutory compliance	6 meter separate motorable road without any obstruction shall be provided for	PPs Submission	We have already proposed 6.0 mt. wide clear access for maintenance & up keeping of Nalla. Please refer Annexure – 6 for Nalla Plan.

		maintenance & up keeping of Nalla.		Agreed to Comply Attachment: <a href="#">Click to View</a>
5	WATER QUALITY MONITORING AND PRESERVATION	Treated Sewage discharge to be restricted to 35% only.	PPs Submission	Total treated sewage available for reuse will be 113 KLD. Recycling of treated sewage shall be done for gardening (9 KLD) and flushing (53 KLD) within site which will help to reduce the quantity of treated sewage to the tune of 55 % (62 KLD). In addition to reuse of treated sewage on site the treated sewage i.e., 11 KLD shall also be used in the adjoining garden which will further help to reduce the quantity of treated sewage to the tune of 35% (40 KLD). Details are given as below; Total treated sewage available for reuse is 195 KLD Treated sewage Reuse Excess treated sewage Reuse on site: For gardening & flushing 62 KLD (55 %) 51 KLD (45 %) Reuse on site + Reuse outside: Gardening area, median plantation etc. 73 KLD (65 %) 40 KLD (35%) Agreed to Comply Attachment:NA
6	ENERGY PRESERVATION MEASURES	The energy savings from renewable energy shall be 5.16%	PPs Submission	We have already proposed solar energy saving upto 5.61%. Please refer Annexure – 7 for Detailed Energy saving statement. Agreed to Comply Attachment: <a href="#">Click to View</a>
7	Statutory compliance	PP to abide all conditions prescribed in CFO NOC.	PPs Submission	Mumbai Fire Brigade, MCGM has issue Fire NOC vide letter no. CHE/ES/4273/337 (New), Date 24/01/2020. Please refer Annexure – 8 for Fire NOC. We shall abide all conditions prescribed in CFO NOC. Agreed to Comply Attachment: <a href="#">Click to View</a>

8	Statutory compliance	The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authorities to ensure fulfillment of this condition before granting CC.	PPs Submission	Aerial distance of Thane Creek Flamingo Sanctuary as per Index Map of Mumbai Mangrove Conservation Unit: 7.00 Km. Please refer Annexure – 9A for Index map showing distance from Thane Creek Flamingo Sanctuary. We have already applied for NOC with reference to Thane Creek Flamingo Sanctuary to the Forest Officer, Divisional Forest Office, Kamgarnagar, Kurla (East), Mumbai. Please refer Annexure - 9B for Acknowledgement copy. Complied Attachment: <a href="#">Click to View</a>
9	Corporate Environmental Responsibility	PP to ensure that CER plan gets approved from Municipal Commissioner.	PPs Submission	CER plan is submitted to The Municipal Commissioner of MCGM. Please refer Annexure – 10 for Acknowledgement copy of CER. Complied Attachment: <a href="#">Click to View</a>
10	Statutory compliance	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt04.01.2019.	PPs Submission	Noted. Agreed to Comply Attachment:NA
11	Statutory compliance	SEIAA decided to grant EC for- FSI:7428.35 m2, Non-FSI: 13772.83 m2 and Total BUA: 21201.18 m2 (Plan Approval) CHE/ES/4273/33 7(New) 33711 Amend, dated 10.09.2020)	PPs Submission	Noted. Agreed to Comply Attachment:NA

## General Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks / Reason and Supporting Documents	
1	WASTE MANAGEMENT	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	PPs Submission	Proposed project is a Residential & Commercial building. Hence, generation of E-waste will be negligible and shall be through to authorize vendor as per E-waste (Management and Handling) Rules, 2016. E-Waste will be stored separately and disposed through authorized recyclers. Agreed to Comply Attachment:NA
2	Statutory compliance	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.	PPs Submission	Agreed to comply with. Agreed to Comply Attachment:NA



3	Statutory compliance	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.	PPs Submission	NOC from Wild Life Board is Not Applicable as per Final Notification reg. ESZ of SGNP published by MoEF & CC u/no. S.O.3645 (E), dated: 05/12/2016 as our project site is not affected by the ESZ belt. Aerial distance of Thane Creek Flamingo Sanctuary as per Index Map of Mumbai Mangrove Conservation Unit: 7.00 Km. Index map showing distance from Thane Creek Flamingo Sanctuary. We have already applied for NOC with reference to Thane Creek Flamingo Sanctuary to the Forest Officer, Divisional Forest Office, Kamgarnagar, Kurla (East), Mumbai. Complied Attachment:NA
4	Statutory compliance	PP has to abide by the conditions stipulated by SEAC & SEIAA.	PPs Submission	Agreed to comply with. Agreed to Comply Attachment:NA
5	Statutory compliance	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.	PPs Submission	Height of the building will be as per the Approved building plan. Airport Authority of India issued Height Clearance for the project vide letter no. SNCR/WEST/B/111916/182862, dated: 26/12/2016. Please refer Annexure – 11 for Height Clearance NOC. MCGM issued Intimation of Disapproval for the project vide letter no. CHE/ES/4273/L/337(NEW), dated: 10/09/2020. Please refer Annexure – 12 for Intimation of Disapproval & Drawing. MCGM issued commencement certificate for the project vide letter no. CHE/ES/4273/L/337(NEW)CC/1/New, dated: 25/03/2021. Please refer Annexure – 13 for Commencement certificate. MCGM issued Development Plan 2034 Remarks for the project vide letter no. Ch.E./DP34201904111218253, dated: 24/04/2019. As per DP Remarks project site falls under Industrial Zone (I). MCGM allow the user permissible in Residential Zone (R) situated in Special Industrial Zone

				(I-3) vide letter no. DyChE/3147/BPES/L, dated: 16/11/2017. Please refer Annexure – 14 for Industrial to Residential NOC. Complied Attachment: <a href="#">Click to View</a>
6	Statutory compliance	If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.	PPs Submission	MPCB granted consent to establish for the projects vide order no. Format1.0/JD(WPC)UAN no.0000117570/CE-2109001199, dated: 23/09/2021. Please refer Annexure – 15 for Consent to Establish. Complied Attachment: <a href="#">Click to View</a>
7	Human Health Environment	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	PPs Submission	All necessary facilities will be provided on site for Residential and Non-Residential workers. 04 nos of Hutments are provided to 20 nos of residential workers. Also, there are no non-residential workers working on site. Adequate MCGM water line for drinking and tanker water domestic purpose, 02 nos of bathroom and 08 nos of toilets have been provided. Proper housekeeping & regular pest control will be carried out. Complied Attachment:NA

8	Human Health Environment	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	PPs Submission	All necessary facilities will be provided on site for Residential and Non-Residential workers. 04 nos of Hutments are provided to 20 nos of residential workers. Adequate MCGM water line for drinking and tanker water domestic purpose, 02 nos of bathroom and 08 nos of toilets have been provided. Complied Attachment:NA
9	WASTE MANAGEMENT	The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	PPs Submission	Excavation material will partly reused on site for backfilling and remaining will be disposed to Authorized landfill site. Separate storage for debris, excavation and construction waste. Construction waste material (Brick, blocks, ceramic tiles, marbles etc.) will be partly recycled and will be used for waterproofing work, paving & landscaping areas. Solid Waste Management Department, MCGM issued SWM NOC vide letter no. 007564/2021/L/ES, dated: 10/05/2021. Please refer Annexure - 16 for SWM NOC. Office of the Additional Collector Mumbai Suburban District issued Excavation permission vide letter no. AC/DESK/IV/MNL/SR-78/2021-22, dated: 04/05/2021. Please refer Annexure - 17 for Excavation Permission. Complied Attachment: <a href="#">Click to View</a>
10	WASTE MANAGEMENT	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the	PPs Submission	Site preparation stage: Excavation work in progress. Excavation material will partly be reused on site for backfilling and remaining will be disposed to Authorized landfill site. Separate storage for debris, excavation and construction waste. Construction waste material (Brick, blocks, ceramic tiles, marbles etc.) will be partly recycled and will be used for waterproofing work, paving & landscaping areas. Solid Waste Management Department, MCGM issued SWM NOC vide letter no. 007564/2021/L/ES, dated: 10/05/2021.

		approval of competent authority.		Office of the Additional Collector Mumbai Suburban District issued Excavation permission vide letter no. AC/DESK/IV/MNL/SR-78/2021-22, dated: 04/05/2021. Complied Attachment:NA
11	WASTE MANAGEMENT	Arrangement shall be made that waste water and storm water do not get mixed.	PPs Submission	Proper management of channelization of storm water from site by using proper internal SWD system and discharge points of adequate capacity. Use of screens and silt traps to SWD. Proper maintenance of storm water drainage to avoid choking of drains and flooding on site. STP of capacity 145 KLD will be provided based on MBBR technology for the treatment of waste water. Agreed to Comply Attachment:NA
12	LAND RECLAMATION	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	PPs Submission	There was an existing structure on site which has been demolished, and site will developed into Residential and Commercial development. The site was in Special Industrial Zone as per the DP Remarks; hence, topsoil excavated will be negligible. Agreed to Comply Attachment:NA



13	LAND RECLAMATION	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	PPs Submission	Site preparation stage: Excavation work in progress, Excavation material will partly reused on site for backfilling and remaining will be disposed to Authorized landfill site. Separate storage for debris, excavation and construction waste. Construction waste material (Brick, blocks, ceramic tiles, marbles etc.) will be partly recycled and will be used for waterproofing work, paving & landscaping areas. Agreed to Comply Attachment:NA
14	GREENBELT	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO / Agriculture Department.	PPs Submission	Recreational Green area will be developed over an area of 1235.47 Sq. meters with the plantation of different trees. Agreed to Comply Attachment:NA
15	WATER QUALITY MONITORING AND PRESERVATION	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	PPs Submission	Groundwater accumulation was monitored in boreholes during and after completion of drilling activities, level of the groundwater table was observed at depth between 4.50 M to 6.00 M below ground level in the boreholes. Seasonal and annual fluctuations in ground water levels can be expected to occur. No extraction of Ground water for construction purpose. Soil quality is being monitored. Please refer Annexure – 18 for Environmental monitoring reports. Complied Attachment: <a href="#">Click to View</a>
16	WATER QUALITY MONITORING AND PRESERVATION	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material	PPs Submission	No generation of hazardous waste during construction. Agreed to Comply Attachment:NA

		must be secured so that they should not leach into the ground water.		
17	WASTE MANAGEMENT	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the MPC Board.	PPs Submission	No generation of hazardous waste during construction. Agreed to Comply Attachment:NA
18	MISCELLANEOUS	The diesel generator sets to be used during construction phase should be low Sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.	PPs Submission	No use of DG sets during construction. Agreed to Comply Attachment:NA
19	MISCELLANEOUS	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	PPs Submission	No use of DG sets during construction. Agreed to Comply Attachment:NA
20	MISCELLANEOUS	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 and should be operated only during non-peak hours.	PPs Submission	Site preparation stage: Excavation work in progress. Vehicles with valid PUC are being allowed to enter the site for bringing construction material. Agreed to Comply Attachment:NA
21	Noise Monitoring & Prevention	Ambient noise levels should conform to residential standards both during day and	PPs Submission	Ambient air and Noise levels monitoring will be carried out. Please refer Annexure – 18 for Environmental

		night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.		monitoring reports. Complied Attachment: <a href="#">Click to View</a>
22	MISCELLANEOUS	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100 Km of Thermal Power Stations).	PPs Submission	We are outsourcing fly ash i.e., 700 MT from different site. Complied Attachment:NA
23	MISCELLANEOUS	Ready mixed concrete must be used in building construction.	PPs Submission	Ready Mixed Concrete will used in building construction. Agreed to Comply Attachment:NA
24	MISCELLANEOUS	Storm water control and its re-use as per CGWB and BIS standards for various applications.	PPs Submission	Proper management of channelization of storm water from site by using proper internal SWD system and discharge points of adequate capacity. Use of screens and silt traps to SWD. Provision of Rain Water Harvesting system, RWH tank of capacity 60 KL will be provided. Agreed to Comply Attachment:NA

25	WATER QUALITY MONITORING AND PRESERVATION	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	PPs Submission	Ready Mixed Concrete will used in building construction. Agreed to Comply Attachment:NA
26	WATER QUALITY MONITORING AND PRESERVATION	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.	PPs Submission	Groundwater accumulation was monitored in boreholes during and after completion of drilling activities, level of the groundwater table was observed at depth between 4.50 M to 6.00 M below ground level in the boreholes. Seasonal and annual fluctuations in ground water levels can be expected to occur. No extraction of Ground water for construction purpose. Soil quality is being monitored. Please refer Annexure – 18 for Environmental monitoring reports. Complied Attachment: <a href="#">Click to View</a>
27	WATER QUALITY MONITORING AND PRESERVATION	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment	PPs Submission	STP of capacity 145 KLD will be provided based on MBBR technology for the treatment of waste water. Treated sewage will be re-used for flushing and gardening to reduce fresh water demand. Please refer Annexure - 19 for STP details. Complied Attachment: <a href="#">Click to View</a>



		should be done. Necessary measures should be made to mitigate the odour problem from STP.		
28	WATER QUALITY MONITORING AND PRESERVATION	Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project	PPs Submission	No extraction of ground water for construction purposes also we are not planning to withdraw ground water for any purpose in future. Hence, permission from CGWA is not applicable. Agreed to Comply Attachment:NA
29	WATER QUALITY MONITORING AND PRESERVATION	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	PPs Submission	Dual plumbing line will be provided for buildings for using the treated wastewater for flushing and gardening. Agreed to Comply Attachment:NA
30	WATER QUALITY MONITORING AND PRESERVATION	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.	PPs Submission	Water saving practices like dual flush cisterns, low loss plumbing fixtures and flow control devices will be installed. Agreed to Comply Attachment:NA
31	ENERGY PRESERVATION MEASURES	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.	PPs Submission	It is proposed to insulate the roofs of these buildings to minimize the heat gain and in turn saving the electricity. If necessary, will Use High Quality Double Glass with Special Reflective coating in windows. Agreed to Comply Attachment:NA
32	ENERGY PRESERVATION	Roof should meet prescriptive requirement as per Energy	PPs Submission	It is proposed to insulate the roofs of these buildings to minimize the heat gain and in turn saving the

	MEASURES	Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.		electricity. If necessary, will Use High Quality Double Glass with Special Reflective coating in windows. Agreed to Comply Attachment:NA
33	ENERGY PRESERVATION MEASURES	Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.	PPs Submission	Energy conservation measures to be provided are as follows; Better Envelope Design Lower Lighting Loads Efficient Air Conditioning System Efficient Pumps & Motors Solar PV System 22.59% energy saved as per Conventional Base Case. 3.27% energy saved as per ECBC 2007 Base Case. Agreed to Comply Attachment:NA
34	MISCELLANEOUS	Diesel power generating sets proposed as source of backup power for elevators and common area Illumination during operation phase 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	PPs Submission	2 DG sets of capacity 400 kVA each is proposed for emergency backup during power failure in operation phase. Agreed to Comply Attachment:NA

		the height needed for the combined capacity of all proposed DG sets. Use low Sulphur diesel. The location of the DG sets may be decided with in consultation with MPCB.		
35	Noise Monitoring & Prevention	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	PPs Submission	Recreational Green area will be developed over an area of 1235.47 Sq. meters with different species trees. Also, the proposed DG sets will be acoustic enclose type. Ambient Air & Noise monitoring is being carried out. Please refer Annexure – 18 for Environmental monitoring reports. Complied Attachment: <a href="#">Click to View</a>
36	Noise Monitoring & Prevention	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	PPs Submission	Public road and public areas are not being used for project activity purpose and are free for smooth traffic movement. Provision is made for adequate parking facilities within the project site for construction vehicles. Provision of Internal road with adequate width. The traffic congestion will be avoided by proper parking arrangement and maintaining smooth traffic flow. Agreed to Comply Attachment:NA
37	Noise Monitoring & Prevention	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal	PPs Submission	Agreed to comply with. Agreed to Comply Attachment:NA

		insulation material to fulfill requirement.		
38	MISCELLANEOUS	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	PPs Submission	1 Building with 4 wings. Agreed to Comply Attachment:NA
39	MISCELLANEOUS	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.	PPs Submission	Regular supervision of the above measures will be monitored regularly to avoid disturbance to surrounding under competent person. Agreed to Comply Attachment:NA
40	Statutory compliance	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	PPs Submission	Obtained Environmental clearance from SEIAA, Govt. of Maharashtra vide letter no. SIA/MH/MIS/143467/2020, dated: 27/10/2020. Please refer Annexure - 20 for Environmental clearance. Complied Attachment: <a href="#">Click to View</a>
41	Statutory compliance	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.	PPs Submission	Submitting six monthly compliance reports to; RO, MPCB, Sion, Mumbai. RO, CPCB, Pune RO, MoEF & CC, Nagpur. Environment Department, Mantralaya. Complied Attachment:NA
42	Statutory compliance	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA	PPs Submission	STP of capacity 145 KLD will be provided based on MBBR technology for the treatment of waste water. Treated sewage will be re-used for flushing and gardening to reduce fresh water demand. Segregation will be done of Non-biodegradable and biodegradable garbage on site. Bio degradable garbage will be



		meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.		treated in OWC (Organic Waste Converter). Non-biodegradable garbage will be send to recyclers. STP Sludge will use as manure within the premises for plants. Recreational Green area will be developed over an area of 1235.47 Sq. meters with of different species trees. Agreed to Comply Attachment:NA
43	WASTE MANAGEMENT	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.	PPs Submission	Informing and educating occupants for solid waste management. Proper segregation on site to biodegradable and non-biodegradable. Non-Biodegradable (260 kg/day): To be handed over to authorized recyclers. Biodegradable waste (173 kg/day) shall be treated in OWC. End product from OWC and sludge generated from STP shall be used as manure on site. Agreed to Comply Attachment:NA
44	Statutory compliance	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.	PPs Submission	STP of capacity 145 KLD will be provided based on MBBR technology for the treatment of waste water. Treated sewage will be re-used for flushing and gardening to reduce fresh water demand. Proper segregation on site to biodegradable and non-biodegradable. Non-Biodegradable (260 kg/day): To be handed over to authorized recyclers. Biodegradable waste (173 kg/day) shall be treated in OWC. End product from OWC and sludge generated from STP shall be used as manure on site. Recreational Green area will be developed over an area of 1235.47 Sq. meters with different species of trees.

				Agreed to Comply Attachment:NA
45	Statutory compliance	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	PPs Submission	A complete set of all the documents has been submitted to MPCB along with consent to establish application. Complied Attachment:NA
46	Statutory compliance	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	PPs Submission	Noted. Agreed to Comply Attachment:NA
47	Statutory compliance	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	PPs Submission	Regular supervision of the above measures is being monitored regularly to avoid disturbance to surrounding under competent person. Complied Attachment:NA
48	Statutory compliance	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.	PPs Submission	Separate funds have been allocated for implementation of Environmental protection measures; During construction phase; Capital Cost: Rs. 45.90 Lakhs have been allocated for the entire construction period. During operation phase; Set up Cost: Rs. 103.50 Lakhs & O & M Cost: Rs. 16.40 Lakhs / Annum. Agreed to Comply Attachment:NA

49	Statutory compliance	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <a href="http://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a> .	PPs Submission	After getting Environmental clearance from SEIAA, Govt. of Maharashtra vide letter no. SIA/MH/MIS/143467/2020, dated: 27/10/2020, we published public notice in Navshakti (Marathi) & The Free Press Journal (English) local newspapers. Please refer Annexure - 21 for Advertisement copy. Complied Attachment: <a href="#">Click to View</a>
50	Statutory compliance	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.	PPs Submission	Submitting six monthly compliance reports to; RO, MPCB, Sion, Mumbai. RO, CPCB, Pune RO, MoEF & CC, Nagpur. Environment Department, Mantralaya. Complied Attachment:NA
51	Statutory compliance	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	PPs Submission	Environmental clearance copy submitted to MCGM. Complied Attachment:NA

52	Statutory compliance	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	PPs Submission	We will upload the copies of EC and six monthly compliance reports on our website. Agreed to Comply Attachment:NA
53	Statutory compliance	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	PPs Submission	Submitting six monthly compliance reports to; RO, MPCB, Sion, Mumbai. RO, CPCB, Pune RO, MoEF & CC, Nagpur. Environment Department, Mantralaya. Complied Attachment:NA
54	Statutory compliance	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed	PPs Submission	Environmental statement has been submitted on MPCB web portal for the financial year 2023-2024. Complied Attachment:NA

		under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective RO of MoEF by e-mail.		
55	Statutory compliance	The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.	PPs Submission	Noted. Agreed to Comply Attachment:NA
56	Statutory compliance	In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under EPA, 1986.	PPs Submission	Noted. Agreed to Comply Attachment:NA

57	Statutory compliance	The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.	PPs Submission	Noted. Agreed to Comply Attachment:NA
58	Statutory compliance	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amended time to time.	PPs Submission	Noted. Agreed to Comply Attachment:NA
59	Statutory compliance	In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.	PPs Submission	Noted. Agreed to Comply Attachment:NA
60	Statutory compliance	The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling)	PPs Submission	Noted. Agreed to Comply Attachment:NA

		Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.		
61	Statutory compliance	Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	PPs Submission	Noted. Agreed to Comply Attachment:NA

Document uploaded by the PP

**Last Site Visit Report (if available)**  
**Additional Attachment (if any)**

NA

[Click to View](#)

**Last Site Visit Report Date (if available)**

**Additional Remarks (if any)**

☒ I '[Landscape Realty LLP](#)' hereby give undertaking that the data and information given in the filed compliance and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information found to be false or misleading at any stage, the clearance given to the project will be revoked at our risk and cost. In addition to above, I hereby give undertaking that no activity such as change in project layout, construction, expansion, etc. has been taken up without due approval.

Cover Letter From RO/SRO



**Cover Letter From RO/SRO**

NA

[Back](#)

Lab : Survey No. 93/A, Conformity Hissa No.2 G.V.Brothers Bldg., Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601, Maharashtra, India.  
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## TEST REPORT

**ISSUED TO: M/S. LANDCARE REALITY LLP**

 AT CTS NO.657, Survey No.17, Safed Pool, Andheri Kurla Road  
 Village Mohili, L Ward, Mumbai, Maharashtra

**REPORT NO.** : UT/ELS/REPORT/C-083/01-2024

**ISSUE DATE** : 15/01/2024

**YOUR REF.** : Work Order Letter

**REF. DATE** : 14/10/2022

**SAMPLE PARTICULARS**

**Sampling Plan Ref. No.:** : C-36/12-2023  
**Sampling Procedure** : UT/LQMS/SOP/AA01A  
**Sample Registration Date** : 31/12/2023  
**Date of Sampling** : 30/12/2023 to 31/12/2023  
**Time of Sampling** : 09:30 Hrs. to 09:30 Hrs.  
**Analysis Starting Date** : 31/12/2023  
**Analysis Completion Date** : 03/01/2024  
**Sample Lab Code** : UT/ELS/C-195/12-2023  
**Ambient Air Temperature** : 24.2°C to 30.3°C

**AMBIENT AIR QUALITY MONITORING**

**Location Code** : 01  
**Sample Location** : At Project Site  
 Co-ordinates: N19°5'50.67"; E72°53'3.07"  
**Collected By** : ULTRA-TECH  
**Height of Sampler** : 1.0 Meter  
**Sampling Duration** : 24 Hours  
**Relative Humidity** : 52.0 % to 65.0 %

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182 (Part 02) : 2001	14	µg/m <sup>3</sup>
2.	Oxides of Nitrogen (NO <sub>x</sub> )	IS 5182 (Part 06) : 2006	26	µg/m <sup>3</sup>
3.	Particulate Matter (PM <sub>10</sub> )	EPA/625/R-96/010a Method IO-2.1	78	µg/m <sup>3</sup>
4.	Particulate Matter (PM <sub>2.5</sub> )	IS 5182 (Part 24) : 2019	27	µg/m <sup>3</sup>
5.	Carbon Monoxide (CO) †	IS 5182 (Part 10) : 1999	1.5	mg/m <sup>3</sup>

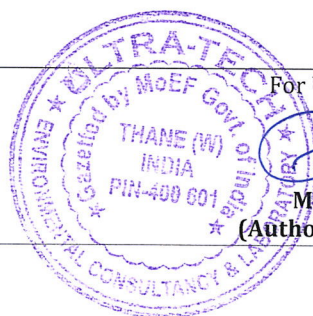
†: Sampling Period 1 Hr.

**Remark/ Statement of Conformity:** The parameters tested above are found to be within 24 hourly TWA of National Ambient Air Quality Monitoring Standard (NAAQMS), Part III- Section IV. NAAQMS is provided as Annexure-I for your reference. (Turnover to find Annexure)

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Respirable Dust Sampler	Make - Polltech; Model - PEM-RDS 8NL; Sr. No. 3213	Valid up to - 06/01/2024
	Fine Dust Sampler	Make - Netel, Model - NPM FDS2.5/10µ (A); Sr. No. 222	Valid up to - 18/09/2024

- Note:**
1. Samples were collected by following laboratory's SOP (UT/LQMS/SOP/AA01A) based on CPCB Guidelines - National Ambient Air Quality Monitoring Series: NAAQMS/2003-04 and respective test methods.
  2. This test report refers only to the sample tested.
  3. Monitoring area coming under Residential areas and observed values are relevant to sample collected only.
  4. This test report may not be reproduced in part, without the permission of this laboratory.
  5. Any correction invalidates this test report.
  6. Weather was Sunny & Clear during sampling period.

**- END OF REPORT -**



For ULTRA-TECH,

  
**Meghan Patil**  
 (Authorized Signatory)

## **ANNEXURE-I**

### **NATIONAL AMBIENT AIR QUALITY STANDARDS, PART III-SECTION IV**

**The Gazette of India with Effect from Wednesday, November 18, 2009/KARTIKA 27, 1931**

Sr. No.	Pollutants	Time Weighted Average	<i>National Ambient Air Quality Standards</i>	
			Industrial, Residential, Rural and Other Area	Ecological Sensitive Area (Notified by Central Government)
01.	Sulphur Dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>	Annual* 24 Hours**	50 80	20 80
02.	Oxides of Nitrogen (NO <sub>x</sub> ), µg/m <sup>3</sup>	Annual* 24 Hours**	40 80	30 80
03.	Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>	Annual* 24 Hours**	60 100	60 100
04.	Particulate Matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup>	Annual* 24 Hours**	40 60	40 60
05.	Carbon Monoxide (CO), mg/m <sup>3</sup>	08 Hours* 01 Hours**	02 04	02 04

\* Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

\*\* 24 hourly or 8 hourly or 1 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.

**NOTE:** Whenever and wherever monitoring results on two consecutive days of monitoring exceed the limits specified above for the respective category, it shall be considered adequate reason to institute regular or continuous monitoring and further

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Tele : +91 22 2547 49 07 / +91 22 2547 62 17 Email : lab@ultratech.in Visit us at : www.ultratech.in

## TEST REPORT

**ISSUED TO: M/S. LANDCARE REALITY LLP**

AT CTS NO.657, Survey No.17, Safed Pool, Andheri Kurla Road  
Village Mohili, L Ward, Mumbai, Maharashtra

**REPORT NO.** : UT/ELS/REPORT/C-084/01-2024

**ISSUE DATE** : 15/01/2024

**YOUR REF.** : Work Order Letter

**REF. DATE** : 14/10/2022

### SAMPLE PARTICULARS :

**Sampling Plan Ref. No.** : C-36/12-2023

**Date of Monitoring** : 30/12/2023

### NOISE LEVEL QUALITY MONITORING

**Sample Lab Code** : UT/ELS/C-196/12-2023

**Survey Done By** : ULTRA-TECH

Sr. No.	Location	Noise Level Reading in dB(A)			
		Time (Hrs)	Day dB(A)	Time (Hrs)	Night dB(A)
01.	At Project Site	12:00 to 12:05	54.4	00:00 to 00:05	44.3

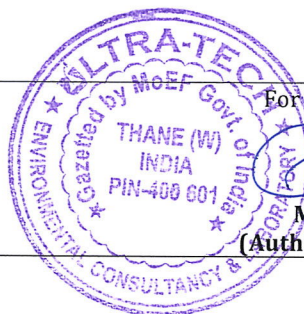
**Opinions / Interpretations:** The Noise Pollution (Regulation And Control) Rules, 2000: Is Provided as Annexure II for Your Reference.  
(Turnover to find Annexure).

**Note:** 1. Monitoring area coming under Residential Area.  
2. Noise level monitored is an average for period as stated above, the permissible sound pressure level is to be determined with respect to the total time a workman is being exposed (continuously or a number of short term exposures per day) in Hrs.

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Sound Level Meter	Make - Casella; Model - CEL-633C; Sr. no. 2382959	Valid up to - 01/12/2024

**Note:** 1. This test report refers only to the monitoring conducted.  
2. This test report may not be reproduced in part, without the permission of this laboratory.  
3. Any correction invalidates this test report.

**- END OF REPORT -**



For ULTRA-TECH,

Meghan Patil  
(Authorized Signatory)



## **ANNEXURE-II**

### **THE NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000**

*(The Principal Rules were published in the Gazette of India, vide S.O. 123(E), dated 14.2.2000 and subsequently amended vide S.O. 1046(E), dated 22.11.2000, S.O. 1088(E), dated 11.10.2002, S.O. 1569 (E), dated 19.09.2006 and S.O. 50 (E) dated 11.01.2010 under the Environment (Protection) Act, 1986.)*

#### **• SCHEDULE**

(See rule 3(1) and 4(1))

Ambient Air Quality Standards in respect of Noise

Area Code	Category of Area / Zone	Limits in dB(A) Leq	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

- Note:
1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
  2. Night time shall mean from 10.00 p.m. to 6.00 a.m.
  3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
  4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

\* dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.

A "decibel" is a unit in which noise is measured.

"A", in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.

Leq: It is energy mean of the noise level over a specified period.

#### **• CONSTRUCTION ACTIVITIES**

The maximum noise levels near the construction site should be limited to 75 dB(A) Leq(5 min.) in industrial areas and to 65 dB(A) Leq(5 min.) in other areas.

#### **• THE PERMISSIBLE LEVELS FOR NOISE EXPOSURE FOR WORK ZONE**

(The Model Rules Of The Factories Act, 1948)

Peak sound pressure level in dB	Permitted number of impulses or impact/day
140	100
135	315
130	1000
125	3160
120	10000

- Notes:
1. No exposure in excess of 140 dB peak sound pressure level is permitted.
  2. For any peak sound pressure level falling in between any figure and the next higher or lower figure as indicated in column 1, the permitted number of impulses or impacts per day is to be determined by extrapolation on a proportionate basis.

Total time exposure (continuous or a number of short term exposures per day) in Hrs	Sound Pressure Level in dB(A)
8	90
4	93
2	96
1	99
1/2	102
1/8	108
1/16	111
1/32 (2 minutes) or less	114

- Notes:
1. No exposure in excess of 115 dB(A) is to be permitted.
  2. For any period of exposure falling in between any figure and the next higher or lower figure as indicated in column 1, the permissible sound pressure level is to be determined by extrapolation on a proportionate basis.

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## TEST REPORT

### ISSUED TO: M/S. LANDCARE REALITY LLP

AT CTS NO.657, Survey No.17, Safed Pool, Andheri Kurla Road  
Village Mohili, L Ward, Mumbai, Maharashtra

REPORT NO. : UT/ELS/REPORT/C-085/01-2024

ISSUE DATE : 15/01/2024

YOUR REF. : Work Order Letter

REF. DATE : 14/10/2022

### SAMPLE PARTICULARS

Sampling Plan Ref. No. : C-36/12-2023  
Sampling Procedure : UT/LQMS/SOP/S01A  
Sample Registration Date : 31/12/2023  
Date & Time of Sampling : 30/12/2023 at 17:00Hrs.  
Analysis Starting Date : 31/12/2023  
Analysis Completion Date : 06/01/2024  
Sample Collected By : ULTRA TECH  
Sample Lab Code : UT/ELS/C-197/12-2023

### SOIL QUALITY MONITORING

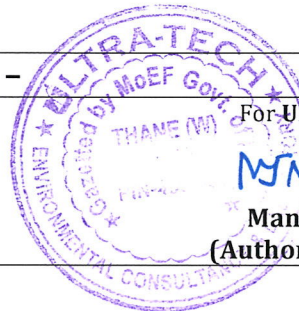
Sample Type : Surface Soil (at 15cm depth)  
Sample Location : At Project Site  
Sample Quantity & Packing Details : 1kg In Plastic Bag Contained in Zip Lock Bag

Sr. No.	Test Parameter	Test Methods	Test Result	Unit
1.	Moisture Content	IS:2720 (Part 2) : 1973	4.8	%
2.	Bulk Density	UT/LQMS/SOP/S03	1171	kg/m <sup>3</sup>
3.	Organic Matter	IS:2720 (Part 22) : 1972	1.0	%
4.	Total Organic Carbon	IS:2720 (Part 22) : 1972	0.6	%
5.	pH [1:2.5 Soil:Water Extract]	IS:2720 (Part 26) : 1987	7.9	-
6.	Conductivity(1:2soil:Water Extract)	IS:14767- 2000	0.594	mS/cm
7.	Sodium as Na (Water Extractable)	UT/LQMS/SOP/S19	78	mg/kg
8.	Magnesium as Mg (Water Extractable)	UT/LQMS/SOP/S22	88	mg/kg
9.	Chlorides as Cl <sup>-</sup> (Water Extractable)	UT/LQMS/SOP/S23	126	mg/kg
10.	Sulphate as SO <sub>4</sub> <sup>2-</sup> (Water Extractable)	UT/LQMS/SOP/S24	112	mg/kg
11.	Sodium Adsorption Ratio	UT/LQMS/SOP/S26	1.1	(meq/kg) <sup>1/2</sup>
12.	Cation Exchange Capacity	UT/LQMS/SOP/S18	24.3	meq/100g
13.	Water Holding Capacity	UT/LQMS/SOP/S12	54.8	%
14.	Available Boron as B (Available)	UT/LQMS/SOP/S27	0.7	mg/kg
15.	Phosphorous as P <sub>2</sub> O <sub>5</sub> (Available)	UT/LQMS/SOP/S28	75	kg/ha
16.	Potassium as K <sub>2</sub> O (Available)	UT/LQMS/SOP/S29	244	kg/ha
17.	Nitrogen as N (Available)	UT/LQMS/SOP/S30	196	kg/ha
18.	Iron as Fe	UT/LQMS/SOP/S35&S37	72147	mg/kg
19.	Zinc as Zn	UT/LQMS/SOP/S35&S37	94	mg/kg

Remark/ Statement of Conformity: NIL

Note: 1. Samples were collected by following laboratory's SOP (UT/LQMS/SOP/S01A) based on Methods Manual: Soil Testing in India by DA&FW, MoA, GOI.  
2. This test report refers only to the sample tested.  
3. This test report may not be reproduced in part, without the permission of this laboratory.  
4. Any correction invalidates this test report.

- END OF REPORT -



For ULTRA TECH

Manasi Namjoshi

Manasi Namjoshi  
(Authorized Signatory)

