



**PRAGNYA**

Date: 29-12-2025

To

The Chairman,  
Tamil Nadu Pollution Control Board,  
No-76, Mount Road,  
Guindy, Chennai-600 032

Sir,

Sub: Submission of six-monthly Environmental Clearance Compliance statement for December 2025 (for the period from April 2025 to September 2025) for "M/s. Pragnya South City Projects Pvt Ltd – Proposed Construction of High Rise Residential Building namely Block 1, Block 2 and Club House by M/s. Pragnya South City Projects Pvt Ltd (Eden Park - Phase 2) at Eden Park Township, Siruseri Village, Vandalur Taluk, Chengalpattu District.

Ref: **EC Identification No : EC23B038TN128533 File No : 7312 dated: 11/1/2023**

We submit herewith the six-monthly Environmental Clearance Compliance statement for "M/s. Pragnya South City Projects Pvt Ltd – Proposed Construction of High Rise Residential Building namely Block 1, Block 2 and Club House by M/s. Pragnya South City Projects Pvt Ltd (Eden Park - Phase 2) at Eden Park Township at S.F.Nos. 127/1, 127/2, 127/3, 131, 132/2, 132/1A, 132/1B, 132/3, 133, 130/1A, 130/1B, 134/1A2, 134/1C, 134/1D & 134/2B Siruseri Village, Vandalur Taluk, Chengalpattu District for December 2025 along with the supporting documents for your perusal.

Thanking you

Yours faithfully,


For M/s. Pragnya South City Projects Pvt Ltd  
Authorized Signatory

Enclosed: Environment clearance compliance report December 2025 along with all Annexure's

Copy to:

1. The Director,  
The Ministry of Environment and Forest & Climate Change,  
Integrated Regional Office, 1st Floor, Additional Office Block for GPOA,  
Shastri Bhawan, Haddows Road, Nungambakkam, Chennai – 600 006
2. The Director,  
CPCB Zonal Office,  
77-A, South Avenue Road, Ambattur Industrial Estate, Ambattur Taluk,  
Thiruvallur District, Chennai - 600058.
3. The Member Secretary,  
State Level Environment Impact Assessment Authority,  
9th Floor, CMRL Building, No. 32, Anna Salai, Nandanam, Chennai - 600 035

Pragnya South City Projects Pvt. Ltd. (Formerly L&T South City Projects Pvt. Ltd.)

Eden Park Township, M.R. Radha Main Road, Behind SIPCOT IT Park, Siruseri, Pudupakkam Village,

Chennai - 603 103, Tamil Nadu, INDIA | Tel : +91 44 6660 0666 | www.edenpark.net | CIN No. U70101TN2006PTC058866

# **SIX-MONTHLY ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT**

**April 2025 – September 2025**

For

**“Construction of Residential Apartment at Eden Park Phase 2 - M/s Pragnya South  
City Projects Pvt Ltd” (Eden Park Phase 2)**

**EC Identification No : EC23B038TN128533**

**File No : 7312**

At

**S.F.No. 127/1, 127/2, 127/3, 131, 132/2, 132/1A, 132/1B, 132/3, 133, 130/1A, 130/1B,  
134/1A2, 134/1C, 134/1D & 134/2B, Siruseri Village, Vandalur Taluk, Chengalpattu  
District**

Submitted by

**M/s. Pragnya South City Projects Pvt Ltd**



Prepared by

**HECS**

**ENVIRONMENTAL CONSULTANT  
HUBERT ENVIRO CARE SYSTEMS (P) LTD  
CHENNAI 600032  
December 2025**

## TABLE OF CONTENTS

<b>S.No</b>	<b>List of contents</b>	<b>Page No</b>
1	Project details	4
2	Site Location Map	6
3	Site Photographs	7
4	Six Monthly compliance statement	9
5	Environmental monitoring Details	30
	5.1 Ambient air quality monitoring	30
	5.2 Ambient noise quality monitoring	30
	5.3 Groundwater quality monitoring	30
	5.4 Soil quality monitoring	30
6	Conclusion	31

## TABLE OF ANNEXURE

S.No	List of Annexure
1	EC Copy
2	EC Amendment copy
3	Medical facility photographs
4	EC local body submission
5	Fire NOC
6	Water approval copy
7	Newspaper advertisement
8	Structural stability
9	Site plan
10	Environmental monitoring report
11	Land Use Classification Certificate
12	Proposed parking statement as per DTCP
13	Land use Breakup Details
14	AAI NOC

## 1.0 PROJECT DETAILS

<b>Name of the project</b>	Proposed Construction of High Rise Building for Residential Purposes by M/s. Pragnya South City Projects Private Ltd (Eden Park - Phase 2)
<b>S.F.Nos/Plot No</b>	S.F.No. 127/1, 127/2, 127/3, 131, 132/2, 132/1A, 132/1B, 132/3, 133, 130/1A, 130/1B, 134/1A2, 134/1C, 134/1D and 134/2B
<b>Location</b>	Siruseri Village, Tiruporur Taluk, Kanchipuram District, Tamil Nadu
<b>EC.No</b>	Letter No. SEIAA-TN/F.No.7312/EC/8(a)/895/2022 dated: 17.12.2022 ( <b>Enclosed as Annexure 1</b> )
<b>Proposed Built Up Area</b>	1,03,865.38 sq.m
<b>Greenbelt area</b>	2799.97 Sq.m
<b>Area of Parking</b>	10,540.9 Sq.m
<b>Power Requirement</b>	Total Power Requirement – 77680 KW per day Power Backup – <ul style="list-style-type: none"><li>• North Block-1 No of 750 kVA,</li><li>• South Block-2 Nos. of 750 KVA</li></ul>
<b>Water Requirement</b>	Total water requirement - 493 KLD (From Private tanker)

Solid Waste Generation	<b>S.No</b>	<b>Type of waste</b>	<b>Quantity T/day</b>	<b>Disposal method</b>
	1	Biodegradable	1.3	Organic Waste Convertor
	2	Non-Biodegradable	0.86	Authorized Recyclers
	3	Bio-sludge from STP	0.04	Manure for Gardening
Project Cost	Rs. 118 Crores			

## 2.0 SITE LOCATION MAP



### 3.0 SITE PHOTOGRAPH





## 4.0 SIX MONTHLY COMPLIANCE STATEMENT

SEAC RECOMMENDATIONS		
S.NO	CONDITIONS	COMPLIANCE
1	The project proponent must create a rain water harvesting pond in the land allocated for OSR.	<b>Condition accepted and noted.</b>
2	The project proponent shall obtain IGBC Gold rating for the construction project.	<b>Condition noted and will be complied.</b>
3	The project proponent shall maintain minimum 15% green belt as committed.	<b>Condition will be complied.</b>  We will maintain minimum 15% greenbelt as committed.
4	The proponent shall provide Bio Methanation plant within project site for bio-degradable waste and shall dispose the non-Biodegradable waste to authorized recyclers as committed.	<b>Condition noted and will be complied.</b>  We will provide Bio-methanation plant within project site for bio-degradable waste and shall dispose the non- Biodegradable waste to authorized recyclers.
5	The PP shall adopt air cooling HVAC system instead of water cooling system.	<b>Condition noted.</b>
6	PP shall ensure that DG sets are run on green energy sources instead of Diesel.	<b>Condition accepted and noted.</b>
7	The height of the stacks of DG sets shall be provided as per the CPCB norms.	<b>Condition noted.</b>  Height of the stacks of DG sets will be provided as per the CPCB norms.
8	The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc. to TNPCB before obtaining CTO.	<b>Condition complied.</b>  Structural stability certificate is enclosed as <b>annexure -8</b>
9	The proponent shall make proper arrangements for the utilization of the treated water from the proposed site for Toilet flushing, Green belt development, OSR, and no treated water shall be let out of the premise.	<b>Condition noted and will be complied.</b>
10	The sludge generated from the Sewage Treatment Plant shall be collected and de-watered using filter press and the same shall be utilized as manure for green belt development after composting.	<b>Condition noted and will be complied.</b>

11	The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics, A wide range of indigenous plant species should be planted as given in the appendix, in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.	<b>Condition noted and will be complied.</b>  Air quality monitoring report is enclosed as <b>annexure - 10</b>
12	Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted with proper spacing as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.	<b>Condition accepted and noted.</b>
13	The unit shall ensure the compliance of land use classification fit for construction.	<b>Condition noted.</b>  Land use classification certificate is enclosed as <b>annexure -11.</b>
14	The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the pubic usage and as committed.	<b>Condition complied.</b>  Site plan is enclosed as <b>annexure - 9</b>
15	The PP shall construct a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a device which was crucial to the overall eco-system.	<b>Condition noted and will be complied.</b>
16	The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.	<b>Condition noted and will be complied.</b>  We will provide rain water harvesting sump of adequate

		capacity for collecting the runoff
17	The project proponent shall allot necessary area for the collection of E waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E waste generation within the premise.	<b>Condition noted.</b>
18	The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Trans boundary Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.	<b>Condition will be complied.</b> We will obtain the necessary authorization from TNPCB
19	No waste of any type to be disposed of in any other way other than the approved one.	<b>Condition noted.</b>
20	All the mitigation measures committed by the proponent for the flood management, to avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.	<b>Condition accepted and noted.</b> All the mitigation measures will be strictly followed.
21	The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines.	<b>Condition accepted and noted.</b>
22	The project proponent shall provide a medical facility, possibly with a medical	<b>Condition complied.</b> Medical facility is enclosed as <b>annexure - 3</b>
23	Officer in the project site for continuous monitoring the health of construction workers during COVID and Post-COVID period.	<b>Condition noted.</b>
24	The project proponent shall measure the criteria air pollutants data (including CO) due to traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.	<b>Condition will be complied.</b> Air quality monitoring report is enclosed as <b>annexure- 10</b>
25	Solar energy should be at least 25% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.	<b>Condition will be complied.</b> Solar energy will be utilized maximum for illumination of common areas, street lighting etc.
26	As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall adhere the EMP as committed.	<b>Condition noted.</b>

27	As accepted by the Project Proponent the CER cost is Rs. 177 lakhs and the amount shall be spent for the activities as committed by the proponent which shall include.	<b>Condition accepted and noted.</b>
28	A community hall at Chepauk - Rs. 50Lakhs.	<b>Condition noted.</b>
29	A Community Hall for Irular Community at Kuzhumedu at Palaverkkadu, Tiruvallur District & Maintenance for 5years.	<b>Condition noted.</b>
<b>SEIAA RECOMMENDATIONS</b>		
1	The proponent is requested to upload the proper working KML. file in the Parivesh Portal.	<b>Condition accepted and noted.</b>
2	The two-wheeler parking space proposed is 9225 Sqm. Further, as per the details provided by the PP, DTCP norms for two-wheeler parking is 1.8 sq.m/two-wheeler and 738 two-wheeler parking space is proposed to be provided. Hence, there is an ambiguity in the parking space to be provided for the two-wheeler.	<b>Condition noted.</b> Approved Parking statement is enclosed as <b>annexure – 12.</b>
3	In Land Use Breakup Details, parking area is not included. Hence, the proponent is requested to include the parking space area in the land Use details and submit the Total land area including the parking space area.	<b>Condition noted.</b> Land use breakup details is enclosed as <b>annexure – 13.</b>
4	The proponent is requested to submit a detailed report enumerating the increase in PCU in the proposed area due to the proposed site and the anticipated change in the traffic pattern. Further, the increase in vehicular emission in the vicinity due to the proposed project shall be included in the report indicating the pollutant levels before construction and expected pollutant levels during the operation phase (Post construction) and the mitigation measures to be adopted shall also be submitted along with the report.	<b>Condition noted and will be complied.</b>
5	The proponent is requested to submit the cost-effective technology deployed to reduce GHG emissions.	<b>Condition noted.</b>
6	The proponent is requested to submit the strategies that will be adopted to make it carbon neutral or zero carbon building.	<b>Condition noted.</b>
7	The proponent is requested to submit the strategies that will be adopted to reduce	<b>Condition will be complied.</b>

	emissions during operation (operational phase and building materials)	
8	The proponent is requested to submit the strategies that will be adopted to decarbonize the building.	<b>Condition accepted and noted.</b>
9	The proponent is requested to submit the strategies that will be adopted to maintain the health of the inhabitants.	<b>Condition accepted and noted.</b>
10	The proponent is requested to submit the strategies that will be adopted to reduce electricity demand and consumption.	<b>Condition will be complied</b>
11	The proponent is requested to submit the details regarding the provisions for automated energy efficiency.	<b>Condition will be complied</b>
12	The proponent is requested to submit the details regarding the provisions for controlled ventilation and lighting systems.	<b>Condition accepted and noted.</b>
13	The proponent is requested to submit the strategies that will be adopted to reduce temperature including the Building Façade.	<b>Condition accepted and noted.</b>
14	The proponent is requested to submit the details regarding the methodology that will be adopted to effectively implement the SWM 2016, Plastic Waste Management 2016, and E-Waste 2016.	<b>Condition noted</b>
15	The proponent is requested to furnish the details regarding the area coverage of solar panels and contribution to the grid from the solar panel proposed.	<b>Condition accepted and noted.</b>
16	The proponent is requested to submit the details regarding the methodology adopted to control thermal environment and other shocks in the building.	<b>Condition accepted and noted.</b>
<b>ANNEXURE 'C'</b>		
1	The proponent shall ensure that no treated or untreated sewage shall be let outside the project site & shall find access to nearby water-bodies under any circumstances other than the permitted mode of disposal.	<b>Condition noted.</b>  We ensure that no treated or untreated sewage will be let outside the project site.
2	The proponent shall provide STP of adequate capacity as committed and shall continuously & efficiently operate STP so as to satisfy the treated sewage discharge standards prescribed	<b>Condition accepted and noted.</b>

	by the TNPCB time to time.	
3	The proponent shall periodically test the treated sewage through TNPCB lab/NABL accredited laboratory and submit report to the TNPCB.	<b>Condition will be complied.</b> Environmental monitoring report is enclosed as <b>annexure -10</b>
4	The proponent shall periodically test the water sample for the general water quality core parameters including fecal coliform within the proposed project site through TNPCB lab/NABL accredited laboratory and submit report to the concerned authorities.	<b>Condition will be complied.</b> Environmental monitoring report is enclosed as <b>annexure -10</b>
5	All the construction of Buildings shall be energy efficient and conform to the green building norms. The PP shall ensure that carbon neutral building.	<b>Condition accepted and noted.</b>
6	The project proponent shall adhere to provide adequate parking space for visitors of all inmates including clean traffic plan as committed.	<b>Condition will be complied.</b> We will provide the parking space for visitors. Also, Approved Parking statement is enclosed as <b>annexure – 12.</b>
7	The proponent shall ensure that no form of municipal solid waste shall be disposed outside the proposed project site at any time.	<b>Condition accepted and noted.</b>
8	All bio-safety standards, hygienic standards and safety norms of working staff and patients to be strictly followed as stipulated in EIA/EMP.	<b>Condition accepted and noted.</b>
9	The disaster management and disaster mitigation standards to be seriously adhered to avoid any calamities.	<b>Condition will be complied.</b>
10	The project proponent shall adhere to height of the buildings as committed.	<b>Condition accepted and noted.</b>
11	The proponent shall ensure that the EIA/EMP and disaster management plan should be adhered strictly.	<b>Condition noted.</b>
12	The activities should in no way cause emission and build-up Green House Gases. All actions to be eco-friendly and support sustainable management of the natural resources within and outside the campus premises.	<b>Condition noted.</b>
13	The proponent should strictly comply with, Tamil Nadu Government order regarding ban on one time use and throwaway plastics irrespective of thickness with effect from	<b>Condition accepted and noted.</b> Single use plastic is banned in our

	01.01.2019 under Environment (Protection) Act, 1986.	site premises
14	The proponent shall ensure that provision should be given for proper utilization of recycled water.	<b>Condition accepted and noted.</b>
15	The proponent shall ensure that the buildings should not cause any damage to water environment, air quality and should be carbon neutral building.	<b>Condition noted.</b>
16	All the Buildings shall be energy efficient and confirm to the green building norms.	<b>Condition accepted and noted.</b>
17	The proponent shall ensure almost safety for the existing biodiversity, trees, flora & fauna shall not disturb under any circumstances.	<b>Condition accepted and noted.</b>
18	The proponent shall ensure that the all activities of EMP shall be completed before obtaining CTO from TNPCB.	<b>Condition accepted and noted.</b>
19	The proponent shall ensure that the activities undertaken should not result in carbon emission, and temperature rise, in the area.	<b>Condition noted.</b>
20	The proponent shall ensure that the buildings and activities should not result in Environmental damages, nor result in temperature rise.	<b>Condition noted.</b>
21	The proponent shall provide and ensure the green belt plan is implemented as indicated in EMP. Also, the proponent shall explore possibilities to provide sufficient grass lawns.	<b>Condition accepted and noted.</b>
22	The project proponent shall ensure to provide adequate elevated closed area earmarked for collection, segregation, storage & disposal of wastes generated within the premises as per provisions of Solid Waste Management Rules, 2016, E-Waste (Management) Rules, 2016, Plastic Waste Management Rules, 2016 as amended, Bio-Medical Waste Management Rules, 2016 as amended, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended, Construction and Demolition Waste Management Rules, 2016, & Batteries (Management and Handling) Rules, 2001.	<b>Condition accepted and noted.</b>
23	The proponent shall provide the emergency exit in the buildings.	<b>Condition will be complied.</b> We will provide the emergency exit

		in the building.
24	The proponent shall provide elevator as per rules CMDA/DTCP.	<b>Condition accepted and noted.</b>
25	The proponent shall provide adequate capacity of DG set (standby) for the proposed STP so as to ensure continuous and efficient operation.	<b>Condition will be complied.</b> We will provide adequate capacity of DG set (standby) for the proposed STP so as to ensure continuous and efficient operation.
26	The proponent shall adhere to the provision and norms regard to fire safety prescribed by competent authority.	<b>Condition accepted and noted.</b>
<b>Part A Common conditions applicable for Pre-construction, Construction and Operational Phases:</b>		
1	Any appeal against this Environmental Clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	<b>Condition noted.</b> There is no any appeal against this environmental clearance.
2	The construction of STP, ETP, Solid Waste Management facility, E-waste management facility, DG sets, etc., should be made in the earmarked area only. In any case, the location of these utilities should not be changed later on.	<b>Condition accepted and noted.</b>
3	The Environmental safeguards contained in the application of the proponent/mentioned during the presentation before the State Level Environment Impact Assessment Authority/State Level Expert Appraisal Committee should be implemented in the letter and spirit.	<b>Condition accepted and noted.</b>
4	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire and Rescue Services Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wild Life (Protection) Act, 1972, State / Central Ground Water Authority, Coastal Regulatory Zone Authority, other statutory and other authorities as applicable to the project shall be obtained by project proponent from the concerned competent authorities.	<b>Condition complied.</b> Fire NOC is enclosed as annexure – 5 and AAI NOC is enclosed as <b>Annexure – 14.</b>
5	The SEIAA reserves the right to add additional safeguard measures subsequently, if non-compliance of any of the EC conditions is	<b>Condition noted.</b>

	found and to take action, including revoking of this Environmental Clearance as the case may be.	
6	A proper record showing compliance of all the conditions of Environmental Clearance shall be maintained and made available at all the times.	<b>Condition accepted and noted.</b>
7	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 under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company. The status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chennai by e-mail.	<b>Condition will be complied.</b>
8	The Regional Office of the Ministry located at Chennai 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	<b>Condition noted.</b>  We will give full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports
9	"Consent for Establishment" shall be obtained from the Tamil Nadu Pollution Control Board and a copy shall be submitted to the SEIAA, Tamil Nadu.	<b>Condition will be complied.</b>  CTE will be obtained from TNPCB
10	In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.	<b>Condition noted.</b>  There is no any change in the scope of the project
11.	The conditions will 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, the Public Liability Insurance Act, 1991. along with their amendments, draft Minor Mineral Conservation & Development Rules 2010 framed under MMDR Act 1957, National Commission for protection of Child Right Rules 2006 and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/Hon'ble High Court of Madras and any other Courts of Law,	<b>Condition will be complied.</b>

	including the Hon'ble National Green Tribunal relating to the subject matter.	
12	The Environmental Clearance shall not be cited for relaxing the other applicable rules to this project.	<b>Condition noted</b>
13	Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.	<b>Condition accepted and noted.</b>
14	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, Chennai, the respective Zonal Office of CPCB, Bengaluru and the TNPCB. The criteria pollutant levels namely; PM10, PM2.5, SO2, NO, (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored.	<b>Condition will be complied.</b>
15	The SEIAA, TN may cancel the Environmental Clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this environmental clearance, if it is found or if it comes to the knowledge of this SEIAA, TN that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the Environmental Clearance.	<b>Condition accepted and noted.</b>
16	The Environmental Clearance does not imply that the other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would be considering the project on merits and be taking decisions independently of the Environmental Clearance.	<b>Condition noted.</b>
17	The SEIAA, TN may alter/modify the above conditions or stipulate any further condition in the interest of environment protection, even during the subsequent period.	<b>Condition noted.</b>
18	The Environmental Clearance does not absolve the applicant/proponent of his obligation/requirement to obtain other statutory and administrative clearances from	<b>Condition accepted and noted.</b>

	other statutory and administrative authorities.	
19	Where the trees need to be cut, compensation plantation in the ratio of 1:10 (i.e. planting of 10 trees for every one tree that is cut) should be done with the obligation to continue maintenance.	<b>Condition accepted and noted.</b>
20	A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive who will report directly to the Head of the Organization and the shortfall shall be strictly reviewed and addressed.	<b>Condition will be complied.</b>
21	The EMP cost shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually.	<b>Condition will be complied.</b>
22	The Project Proponent has to provide rain water harvesting pits 16Nos to recover and reuse the rain water during normal rains as reported.	<b>Condition will be complied.</b>
23	The project activity should not cause any disturbance & deterioration of the local bio diversity.	<b>Condition noted.</b>
24	The project activity should not impact the water bodies. A detailed inventory of the water bodies and forest should be evaluated and fact reported to the Forest Department & PWD for monitoring.	<b>Condition will be complied.</b>
25	All the assessed flora & fauna should be conserved and protected.	<b>Condition noted.</b>
26	The proponent should strictly comply with, Tamil Nadu Government Order (Ms) No.84 Environment and forests (EC.2) Department dated 25.06.2018 regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.	<b>Condition accepted and noted.</b> Single use plastic is banned within the project premises.
27	Necessary permission shall be obtained from the competent authority for the drawl/outsourcing of fresh water before obtaining consent from TNPCB.	<b>Condition complied.</b> Water approval copy is enclosed as <b>annexure - 6</b>
28	The proponent shall appoint an Environmental Engineer with necessary qualification for the operation and maintenance of STP (Sewage	<b>Condition will be complied.</b>

	Treatment Plant) and GWTP (grey water Treatment Plant)	
29	The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.	<b>Condition accepted and noted.</b> We will provide the dispenser for the disposal of Sanitary Napkins.
30	All the mitigation measures committed by the proponent for the flood management, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.	<b>Condition noted.</b>
31	No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.	<b>Condition accepted and noted.</b>
32	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided.	<b>Condition will be complied.</b>
33	The safety measures proposed in the report should be strictly followed.	<b>Condition noted.</b>
<b>Part-B-Specific Conditions Pre construction phase:</b>		
1	The project authorities should advertise with basic details at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of clearance. The press releases also mention that a copy of the clearance letter is available with the State Pollution Control Board and also at website of SEIAA, TN. The copy of the press release should be forwarded to the Regional Office of the Ministry of Environment and Forests located at Chennai and SEIAA-TN.	<b>Condition complied.</b> Newspaper advertisement copy is enclosed as <b>annexure -7</b>
2	In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.	<b>Condition noted.</b> There is no any change in the scope of the project.
3	A copy of the clearance letter shall be sent by the proponent to the Local Body. The clearance letter shall also be put on the website of the Proponent.	<b>Condition complied.</b> EC local body submission is enclosed as <b>annexure -4</b>
4	The approval of the competent authority shall be obtained for structural safety of the buildings during earthquake, adequacy of fire fighting equipments, etc. as per National Building Code including protection measures from lightning etc. before commencement of	<b>Condition complied.</b> Structural stability certificate is enclosed as <b>annexure - 8.</b>

	the work.	
5	All required sanitary and hygienic measures for the workers should be in place before starting construction activities and they have to be maintained throughout the construction phase.	<b>Condition noted and will be complied.</b>
6	Design of buildings should be in conformity with the Seismic Zone Classifications.	<b>Condition complied.</b> Structural stability certificate is enclosed as <b>annexure – 8.</b>
7	The Construction of the structures should be undertaken as per the plans approved by the concerned local authorities/local administration.	<b>Condition accepted and noted.</b>
8	No construction activity of any kind shall be taken up in the OSR area.	<b>Condition accepted and noted.</b> There is no construction activity of any kind will be taken up in the OSR area.
9	Consent of the local body concerned should be obtained for using the treated sewage in the OSR area for gardening purpose. The quality of treated sewage shall satisfy the bathing quality prescribed by the CPCB.	<b>Condition noted and will be complied.</b>
10	The height and coverage of the constructions shall be in accordance with the existing FSI/FAR norms as per Coastal Regulation Zone Notification, 2011.	<b>Not applicable.</b>
11	The Project Proponent shall provide car parking exclusively for the visiting guest in the proposed residential apartments as per CMDA norms.	<b>Condition will be complied.</b> We will provide car parking exclusively for the visiting guest.
12	The project proponent shall ensure the entry of basement shall be above maximum flood level.	<b>Condition noted.</b>
13	The proponent shall prepare completion plans showing Separate pipelines marked with different colours with the following details i. Location of STP, compost system, underground sewer line. ii. Pipe Line conveying the treated effluent for green belt development. iii. Pipe Line conveying the treated effluent	<b>Condition will be complied.</b>

	<p>for toilet flushing</p> <p>iv. Water supply pipeline</p> <p>v. Gas supply pipe line, if proposed</p> <p>vi. Telephone cable</p> <p>vii. Power cable</p> <p>viii. Strom water drains, and</p> <p>ix. Rain water harvesting system, etc. and it shall be made available to the owners</p>	
<b>14</b>	A First Aid Room shall be provided in the project site during the entire construction and operation phases of the project.	<p><b>Condition complied.</b></p> <p>First Aid Room are provided in the project site during the entire construction and operation phases of the project.</p> <p>Medical facility is enclosed as <b>annexure - 3</b></p>
<b>15</b>	The present land use surrounding the project site shall not be disturbed at any point of time.	<b>Condition noted.</b>
<b>16</b>	The green belt area shall be planted with indigenous native trees.	<b>Condition will be complied.</b>
<b>17</b>	Natural vegetation listed particularly the trees shall not be removed during the construction/operation phase. In case any trees are likely to be disturbed, shall be replanted.	<b>Condition accepted and noted.</b>
<b>18</b>	During the construction and operation phase, there should be no disturbance to the aquatic eco-system within and outside the area.	<b>Condition accepted and noted.</b>
<b>19</b>	The Provisions of Forest conservation Act 1980, Wild Life Protection Act 1972 & Bio diversity Act 2002 should not be violated.	<b>Condition noted.</b>
<b>20</b>	There should be Fire fighting plan and all required safety plan.	<b>Condition accepted and noted.</b>
<b>21</b>	Regular fire drills should be held to create awareness among owners/residents.	<b>Condition will be complied.</b>
<b>Part-C-Specific Conditions - Construction phase:</b>		
<b>1</b>	<p><b>Construction Schedule:</b></p> <p>1) The Project proponent shall have to furnish the probable date of commissioning of the project supported with necessary bar charts to</p>	<b>Condition accepted and noted.</b>

	SEIAA-TN.	
<b>2</b>	<b>Labour Welfare:</b> i) All the labourers to be engaged for construction should be screened for health and adequately treated before and during their employment on the work at the site.	<b>Condition accepted and noted.</b>
	ii) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contradictions due to exposure to dust and take corrective measures, if needed.	<b>Condition noted and will be complied.</b>
	iii) Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly. The workers shall be provided with personnel protective measures such as masks, gloves, boots etc.	<b>Condition noted and will be complied.</b>  Periodical medical examination of the workers engaged in the project will be carried out and records maintained
<b>3</b>	<b>Water Supply:</b> i) The entire water requirement during construction phase may be met from private tankers	<b>Condition complied.</b>
	ii) Provision shall be made for the housing labour within the site with all necessary infrastructures and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	<b>Condition will be complied.</b>
	iii) Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The treatment and disposal of waste water shall be through dispersion trench after treatment through septic tank. The MSW generated shall be disposed through Local Body and the identified dumpsite only.	<b>Condition will be complied.</b>
	iv) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices	<b>Condition noted.</b>

	prevalent.	
	v) Fixtures for showers, toilet flushing and drinking water should be of low flow type by adopting the use of aerators / pressure reducing devices / sensor based control.	<b>Condition noted.</b>
<b>4</b>	<b>Solid Waste Management:</b> 1) In the solid waste management plan, the STP sludge management plan for direct use as manure for gardens is not acceptable; it must be co-composted with biodegradables.	<b>Condition accepted and noted.</b>
	ii) Hazardous waste such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent bottles should be segregated at source. Collected once in a month from residences and disposed as per the SWM Rules 2016.	<b>Condition accepted and noted.</b>
	iii) Domestic solid wastes to be regularly collected in bins or waste handling receptacles and disposed as per the solid waste management rules 2016.	<b>Condition accepted and noted.</b>
	iv) No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.	<b>Condition noted.</b>
	v) E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016 and subsequent amendment.	<b>Condition noted.</b>
<b>5</b>	<b>Top Soil Management:</b> 1) All the top soil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.	<b>Condition will be complied.</b> Top soil excavation during construction activities will be stored for use in horticulture/ landscape development within the project site.
<b>6</b>	<b>Construction Debris disposal:</b> i) Disposal of construction debris during construction phase should not create any adverse effect on the neighbouring communities and be disposed off only in approved sites, with the approval of Competent Authority with necessary precautions for general safety and health aspects of the people. The construction and demolition waste shall be managed as per Construction & Demolition Waste Management Rules, 2016.	<b>Condition accepted and noted.</b>

	ii) Construction spoils, including bituminous materials and other hazardous materials must not be allowed to contaminate watercourses. The dump sites for such materials must be secured so that they should not leach into the adjacent land/lake/ stream etc.	<b>Condition accepted and noted.</b>
<b>7</b>	<b>Diesel Generator sets:</b> i) Low Sulphur Diesel shall be used for operating diesel generator sets to be used during construction phase. The air and noise emission shall conform to the standards prescribed in the Rules under the Environment (Protection) Act, 1986, and the Rules framed thereon.	<b>Condition accepted and noted.</b>
	ii) The diesel required for operating stand by DG sets shall be stored in barrels fulfilling the safety norms and if required, clearance from Chief Controller of Explosives shall be taken.	<b>Condition accepted and noted.</b>
	iii) The acoustic enclosures shall be installed at all noise generating equipments such as DG sets, air conditioning systems, cooling water tower etc.	<b>Condition accepted and noted.</b> Acoustic enclosures will be installed at all noise generating equipments
<b>8</b>	<b>Air &amp; Noise Pollution Control:</b> i) Vehicles hired for bringing construction materials to the site should be in good condition and should conform to air and noise emission standards, prescribed by TNPCB/CPCB. The vehicles should be operated only during non-peak hours.	<b>Condition noted.</b> Air and noise quality monitoring report is enclosed as <b>annexure -10</b>
	ii) Ambient air and noise levels should conform to residential standards prescribed by the TNPCB, both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during the construction phase. The pollution abatement measures shall be strictly implemented.	<b>Condition will be complied.</b> Air and noise quality monitoring report is enclosed as <b>annexure -10</b>
	iii) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site shall be avoided. Parking shall be fully internalized and no public space should be utilized. Parking plan to be as per CMDA norms. The traffic department shall be consulted and any cost effective traffic regulative facility shall be met before	<b>Condition will be complied.</b>

	commissioning.	
	iv) The buildings should have adequate distance between them to allow free movement of fresh air and passage of natural light, air and ventilation.	<b>Condition noted.</b>
	v) The project proponent should ensure that adequate Air Pollution Control measures shall be provided from buses and other vehicles, which will be entering the bus terminal. Further, water sprinkling system shall be provided and same shall be used at regular interval to control the dust emission within the project site.	<b>Condition accepted and noted.</b> We ensure that APC measures will be provided and Environmental monitoring report is enclosed as <b>annexure- 10</b>
<b>9</b>	<b>Building material:</b> 1) Fly-ash blocks should be used as building material in the construction as per the provision of Fly ash Notification of September, 1999 and amended as on 27th August, 2003 and Notification No. S.O. 2807 (E) dated: 03.11.2009.	<b>Condition noted.</b>
	ii) Ready-mix concrete shall alone be used in building construction and necessary cube-tests should be conducted to ascertain their quality.	<b>Condition noted.</b>
	iii) Use of glass shall be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, high quality double glass with special reflecting coating shall be used in windows.	<b>Condition noted.</b>
<b>10</b>	<b>Storm Water Drainage:</b> i) Storm water management around the site and on site shall be established by following the guidelines laid down by the storm water manual	<b>Condition accepted and noted</b>
	ii) Storm water management plan shall be obtained by engaging the services of Anna University/IIT.	<b>Condition noted and will be complied.</b> Storm water management plan will be obtained.
<b>11</b>	<b>Energy Conservation Measures:</b> 1) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material, to fulfil the requirement.	<b>Condition accepted and noted.</b>

	ii) Opaque wall should meet prescribed requirement as per Energy Conservation Building Code which is mandatory for all air conditioned spaces by use of appropriate thermal insulation material to fulfil the requirement.	<b>Condition accepted and noted.</b>
	iii) All norms of Energy Conservation Building Code (ECBC) and National Building Code, 2005 as energy conservation have to be adopted Solar lights shall be provided for illumination of common areas.	<b>Condition noted.</b> Solar lights will be provided for illumination of common areas
	iv) Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting. A hybrids system or fully solar system for a portion of the apartments shall be provided.	<b>Condition will be complied.</b> Solar energy will be incorporated for illumination of common areas, lighting for gardens and street lighting.
	v) A report on the energy conservation measures conforming to energy conservation norms prescribed by the Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology; R & U factors etc and submitted to the SEIAA in three months' time.	<b>Condition will be complied.</b>
	vi) Energy conservation measures like installation of CFLs/TFLs for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.	<b>Condition will be complied.</b> We will provide CFLs /TFLs for lighting the areas outside the building
<b>12</b>	<b>Fire Safety:</b> 1) Adequate fire protection equipments and rescue arrangements should be made as per the prescribed standards.	<b>Condition will be complied.</b> Fire protection equipments and rescue arrangements will be made as per the prescribed standards.
	ii) Proper and free approach road for fire-fighting vehicles upto the buildings and for rescue operations in the event of emergency shall be made.	<b>Condition noted and will be complied.</b>
<b>13</b>	<b>Green Belt Development:</b> 1) The Project Proponent shall plant tree species with large potential for carbon capture in the proposed green belt area based on the recommendation of the Forest department well before the project is completed.	<b>Condition will be complied.</b>
	ii) The proponent has to earmark the greenbelt area with dimension and GPS coordinates for	<b>Condition will be complied.</b>

	the green belt area all along the boundary of the project site with at least 3 meter wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.	
	iii) The proponent shall develop the green belt as per the plan furnished and area earmarked for the greenbelt shall not be alter at any point of time for any other purpose.	<b>Condition will be complied.</b>
<b>14</b>	<b>Sewage Treatment Plant:</b>  1) The Sewage Treatment Plant (STP) installed should be certified by an independent expert/ reputed Academic institutions for its adequacy and a report in this regard should be submitted to the SEIAA, TN before the project is commissioned for operation. Explore the less power consuming systems viz baffle reactor, etc., for the treatment of sewage.	<b>Condition will be complied.</b>
	ii) The Proponent shall install STP as furnished. Any alteration to satisfy the bathing quality shall be informed to SEIAA-TN.	<b>Condition will be complied.</b>
	iii) The project proponent shall operate and maintain the Sewage treatment Plant and Effluent treatment plant effectively to meet out the standards prescribed by the CPCB.	<b>Condition will be complied.</b>  We will operate and maintain the STP and ETP to achieve the standards prescribed by the CPCB.
	iv) The project proponent shall continuously operate and maintain the Sewage treatment plant and Effluent treatment plant to achieve the standards prescribed by the CPCB.	<b>Condition will be complied.</b>  We will continuously operate and maintain the STP and ETP to achieve the standards prescribed by the CPCB.
	v) The project proponent has to ensure the complete recycling of treated Sewage & Effluent water after achieving the standards prescribed by the CPCB.	<b>Condition accepted and noted.</b>
	vi) The project proponent has to provide separate standby D.G set for the STP/GWTP for the continuous operation of the STP/GWTP in case of power failure.	<b>Condition will be complied.</b>  We will provide separate DG sets for the STP/GWTP for for the continuous operation of the STP/GWTP in case of power failure.
<b>15</b>	<b>Rain Water Harvesting:</b>  i) The proponent shall ensure that roof rain water collected from the covered roof of the	<b>Condition noted.</b>

	buildings, etc shall be harvested so as to ensure the maximum beneficiation of rain water harvesting by constructing adequate sumps so that 100% of the harvested water shall be reused.	
	ii) Rain water harvesting for surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment with screens, settlers etc. must be done to remove suspended matter, oil and grease, etc.	<b>Condition will be complied.</b>
	iii) The Project Proponent has to provide rain water harvesting pits 16Nos to recover and reuse the rain water during normal rains as reported.	<b>Condition will be complied.</b> We will provide rain water harvesting pits 16 Nos to recover and reuse the rain water during normal rains as reported.
	i) The project activity should not cause any disturbance & deterioration of the local bio diversity.	<b>Condition noted.</b>
<b>16</b>	<b>Building Safety:</b> Lightning arrester shall be properly designed and installed at top of the building and where ever is necessary.	<b>Condition noted and will be complied.</b> Lightning arrester will be installed at top of the building and where ever is necessary.

**Part - D-Specific Conditions - Operational Phase/Post constructional phase/Entire life of the project:**

**Not applicable since in constructional phase**

## **5.0 ENVIRONMENTAL MONITORING DETAILS**

It is mandatory to submit six-monthly compliance report to statutory bodies by the proponent. For the purpose of obtaining six-monthly compliance certificate the environmental monitoring was carried out at the site by M/s Hubert Enviro Care system Pvt Ltd during April 2025 - September 2025.

### **5.1 Ambient air quality monitoring**

During construction phase particulate matter and gaseous emissions are likely to arise from the site due to soil excavation, movement of vehicles and operation of DG sets etc., the ambient air quality parameters such as suspended Particulate Matter (PM10), Respirable Particulate Matter (PM2.5), Sulphur dioxide, Oxides of Nitrogen (NOx) and Carbon monoxide were monitored at 1 location. The test report of ambient air quality for the period of April 2025 - September 2025 is enclosed as **Annexure-10**.

### **5.3 Ground water quality monitoring**

During construction phase the ground water may get polluted due to infiltration of rainwater mixed with soil contaminants in the site. The ground water was tested at 1 location for various water quality parameters including heavy metals. The test report of bore well water collected and analyzed during the period of April 2025 - September 2025 is enclosed as **Annexure-10**.

### **5.4 Soil quality monitoring**

During construction phase soil contamination may occur due to oil spills from machinery, during maintenance and operation of DG sets on site. 1 location was selected for monitoring the soil quality. The Soil samples were collected and analyzed for nutrients and heavy metals. The test report of soil samples collected and analyzed during the period of April 2025 - September 2025 is enclosed as **Annexure-10**.

## 6.0 Conclusion

1. The environmental monitoring was carried out at the site during the period of April 2025 - September 2025.
2. All the conditions stipulated in the Environmental Clearance are being complied.

For

M/s. Pragnya South City Projects Private Ltd



A handwritten signature in blue ink is written over a circular blue stamp. The stamp contains the text "SOUTH CITY PROJECTS PVT LIMITED", "CHENNAI", and "603 103".

ENVIRONMENTAL  
CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive,  
and Virtuous Environmental Single-Window Hub)



Government of India  
Ministry of Environment, Forest and Climate Change  
(Issued by the State Environment Impact Assessment  
Authority(SEIAA), Tamil Nadu)

To,

The General Manager  
L&T SOUTH CITY PROJECTS PRIVATE LIMITED  
Eden park township phase 2, M.R.Radha Main Road, Siruseri and  
Puthupakkam Village, Thiruporur Taluk, Kancheepuram district, Chennai  
603103 -603103

**Subject:** Grant of Environmental Clearance (EC) to the proposed Project Activity  
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)  
in respect of project submitted to the SEIAA vide proposal number  
SIA/TN/MIS/128573/2019 dated 03 Jan 2023. The particulars of the environmental  
clearance granted to the project are as below.

1. EC Identification No.	EC23B038TN128533
2. File No.	7312
3. Project Type	New
4. Category	B2
5. Project/Activity including Schedule No.	8(a) Building and Construction projects
6. Name of Project	Construction of Residential Apartment- Eden Park Phase 2B
7. Name of Company/Organization	L&T SOUTH CITY PROJECTS PRIVATE LIMITED
8. Location of Project	Tamil Nadu
9. TOR Date	N/A

The project details along with terms and conditions are appended herewith from page  
no 2 onwards.

Date: 11/01/2023

(e-signed)  
Thiru.Deepak S.Bilgi  
Member Secretary  
SEIAA - (Tamil Nadu)

*Note: A valid environmental clearance shall be one that has EC identification  
number & E-Sign generated from PARIVESH. Please quote identification  
number in all future correspondence.*

*This is a computer generated cover page.*



THIRU.DEEPAK S. BILGI, I.F.S.  
MEMBER SECRETARY

STATE LEVEL ENVIRONMENT IMPACT  
ASSESSMENT AUTHORITY-TAMILNADU  
3<sup>rd</sup> Floor, Panagal Maaligai,  
No.1, Jeenis Road, Saidapet,  
Chennai - 600 015.  
Phone No. 044-24359973  
Fax No. 044-24359975

**ENVIRONMENTAL CLEARANCE (EC)**

**Letter No. SEIAA-TN/F.No.7312/EC/8(a)/895/2022 dated: 17.12.2022**

To

M/s. L&T South City Projects Pvt. Ltd.  
Eden Park Township Phase 2  
M. R. Radha Main Road  
Siruseri&Pudhupakkam Village  
Thiruporur Taluk, Kanchipuram District  
Chennai - 603 103

Sir,

Sub: SEIAA, TN - Environmental Clearance – Proposed construction of High rise building for residential purposes in S.No. 127/1, 127/2, 127/3, 131, 132/2, 132/1A, 132/1B, 132/3, 133, 130/1A, 130/1B, 134/1A2, 134/1C, 134/1D & 134/2B of Siruseri Village, Tiruporur Taluk, Kanchipuram district, Tamil Nadu by M/s. L&T South City Projects Pvt. Ltd. Eden Park Township Phase 2-under Category B2 and Schedule S.No.8 (a) under the Environment Impact Assessment Notification, 2006, as amended/Issued - Regarding.

- Ref:
1. Online proposal No.SIA/MIN/128573/2019, Dated: 05.12.2019
  2. Your application for Environmental Clearance dated: 05.12.2019
  3. Minutes of the 310<sup>th</sup> SEAC Meeting held on 14.09.2022
  4. Minutes of the 555<sup>th</sup> SEIAA meeting held on 27.09.2022
  5. Minutes of the 320<sup>th</sup> SEAC Meeting held on 13.10.2022
  6. Minutes of the 565<sup>th</sup> SEIAA meeting held on 31.10.2022
  7. Minutes of the 578<sup>th</sup> SEIAA meeting held on 17.12.2022

\*\*\*\*\*

  
MEMBER SECRETARY  
SEIAA-TN  
8B

This has reference to your application 1<sup>st</sup> & 2<sup>nd</sup> cited, the **Proposed construction of High rise building for residential purposes by M/s. L&T South City Projects Pvt. Ltd. Eden Park Township Phase 2** under Category B2 and Schedule S.No.8(a) under the Environment Impact Assessment Notification, 2006, as amended.

The Competent Authority and Authorized Signatory furnished the detailed information in Form 1, Form 1A, Conceptual plan and liquidate enclosures are as Annexures:

**Annexure 1**

S. No	Description	Details				
1.	Name of the Project	Proposed Construction of High Rise Building for Residential Purposes				
2.	Location	S.F.No. 127/1, 127/2, 127/3, 131, 132/2, 132/1A, 132/1B, 132/3, 133, 130/1A, 130/1B, 134/1A2, 134/1C, 134/1D & 134/2B, Siruseri Village, Tiruporur Taluk, Kanchipuram District				
3.	Type of Project	Building and Construction Projects Schedule 8 (a)				
4.	Latitude & Longitude	12°49'27.23"N 80°12'22.96"E				
5.	Total Area (in sq. m)	a) Total land area – 18,101.45Sq.m b) Plot Coverage / Foot Print area – 9127.05 Sq.m c) Internal road / Other Pathway area – 5180.36 Sq.m d) Green Belt Area – 2799.97Sq.m e) Storm water drain area – 411.11 Sq.m f) Service area – 97.42Sq.m g) Misc Open area – 485.54 Sq.m				
6.	Built up area	1,03,865.38 sq.m				
7.	Cost of Project	Rs.118 Crores				
8.	Brief description of the project	S.No	Description	FSI Area (Sq.m)	Non FSI Area (Sq.m)	Total Buildup Area (Sq.m)

		1	North Block	23,162.12	263.20	29,954.05
		2	South Block	43,815.66	350.81	72,472.30
		3	Club House	1,341.91	-	1,439.03
			<b>Total</b>	<b>68,319.69</b>	<b>614.01</b>	<b>1,03,865.38</b>
9.	a) Water requirement KLD	<b>During Operation Phase</b> Total water requirement – 493 KLD Domestic water requirement – 320 KLD Flushing water requirement – 163 KLD				
	b) Source	Private tanker				
10.	Quantity of Sewage KLD	<b>During Operation Phase</b> Sewage Generation – 446 KLD				
11.	Details of /Sewage Treatment Plant	<b>Sewage Treatment Plant – 480 KLD capacity</b> <ul style="list-style-type: none"> <li>• Screen Chamber</li> <li>• Collection Sump</li> <li>• FBBR</li> <li>• Clarifier</li> <li>• Sludge Holding Tank</li> <li>• Filter Press</li> <li>• Clarified Water Tank</li> <li>• Hypo Dosing &amp; Alum Dosing</li> <li>• Pressure Sand Filter</li> <li>• Activated Carbon Filter</li> <li>• UV System</li> <li>• Treated Water Tank</li> <li>• Treated Water to UF system</li> </ul>				
12.	Mode of Disposal of treated sewage with quantity	Total Treated waste water – 423 KLD <ul style="list-style-type: none"> <li>i. Avenue Plantation – 250 KLD</li> <li>ii. Toilet Flushing – 163 KLD</li> <li>iii. Greenbelt Development – 10 KLD</li> </ul>				

  
**MEMBER SECRETARY**  
**SEIAA-TN**

*Sec*

13.	Quantity of Solid Waste generated per day, Mode of treatment and Disposal of Solid Waste	S.No	Description	Quantity (Tons/day)	Methods of Treatment / Disposal
		1	Biodegradable Waste (60%)	1.3	Organic Waste Converter
		2	Non-Biodegradable Waste (40%)	0.86	Sent to Authorized Recyclers
		3	STP Sludge	0.04	Utilized as a manure for Greenbelt development
14.	Power requirement	77680 KW per day			
15.	Details of D.G. set with Capacity	North Block - 1 Nos. of 750 kVA, South Block - 2 Nos. of 750 kVA			
16.	Details of Green Belt Area	2799.97 Sq.m			
17.	Details of Parking Area	Total Parking area - 10,540.9 Sq.m			
		S. No	Description	Numbers	
				Required	Provided
		1	Car Parking	261	737
2	Two-Wheeler Parking	728	738		
18.	Provision for rain water harvesting	Total runoff - 13,825.9 m <sup>3</sup> No of pits to be proposed - 60 nos Pit Dimension - 1.2m dia X 2.0m Ht			
19.	EMP Cost (Rs.)	Capital Cost - Rs. 320 Lakhs Recurring Cost - Rs. 62 Lakhs			
20.	CER activities	Total CER Cost - Rs.177 Lakhs			

with the specific allocation of funds	
--	--

### Affidavit

I, Mr. Ranjith (General Manager), Authorized Signatory, M/s. L & T South City Projects Pvt Ltd, Chennai representing the "Proposed construction of High rise building for residential purposes" Located at Survey. No.127/1, 127/2, 127/3, 131, 132/2, 132/1A, 132/1B, 132/3, 133, 130/1A, 130/1B, 134/1A2, 134/1C, 134/1D & 134/2BSiruseri Village, Vandalur Taluk, Chengalpattu District, Tamil Nadu State, hereby take oath and state as under in this affidavit:

I. The Total built up area is 1,03,865.38 Sq.m.

Description	FSI Area Sq.m.	Non FSI Area Sq.m.	Total Units Nos.	Built-up Area Sq.m.
Residential Tower				
North Block				
Basement Floor		125.89	-	4,049.08
Stilt Floor	836.45	137.31	-	2,271.26
First Floor	-		-	123.74
Second Floor	1,236.71		13.00	1,296.21
Third Floor	1,243.92		13.00	1,303.44
Fourth Floor	1,236.71		13.00	1,296.21
Fifth Floor	1,243.92		13.00	1,303.44
Sixth Floor	1,236.71		13.00	1,296.21
Seventh Floor	1,243.92		13.00	1,303.44
Eighth Floor	1,236.71		13.00	1,296.21
Ninth Floor	1,243.92		13.00	1,303.44
Tenth Floor	1,236.71		13.00	1,296.21
Eleventh Floor	1,243.92		13.00	1,303.44
Twelfth floor	1,236.71		13.00	1,296.21
Thirteenth Floor	1,243.92		13.00	1,303.44
Fourteenth Floor	1,236.71		13.00	1,296.21
Fifteenth Floor	1,243.92		13.00	1,303.44
Sixteenth Floor	1,236.71		13.00	1,296.21
Seventeenth Floor	1,243.92		13.00	1,303.44
Eighteenth Floor	1,236.71		13.00	1,296.21
Nineteenth Floor	1,243.92		13.00	1,303.44
Terrace Floor	-		-	113.12
North Block	23,162.12	263.20	234.00	29,954.05
South Block				
Basement Floor	-	141.26	-	7,890.59

MEMBER SECRETARY  
SEIAA-TN

8/18

Stilt Floor	512.74	120.95	-	6,876.73
First Floor	-	88.60	-	5,823.40
Second Floor	-		-	6,234.17
Third Floor	2,551.00		26.00	2,676.76
Fourth Floor	2,542.53		26.00	2,665.95
Fifth Floor	2,551.46		26.00	2,676.76
Sixth Floor	2,542.53		26.00	2,665.95
Seventh Floor	2,551.46		26.00	2,676.76
Eighth Floor	2,542.53		26.00	2,665.95
Ninth Floor	2,551.46		26.00	2,676.76
Tenth Floor	2,542.53		26.00	2,665.95
Eleventh Floor	2,551.46		26.00	2,676.76
Twelfth floor	2,542.53		26.00	2,665.95
Thirteenth Floor	2,551.46		26.00	2,676.76
Fourteenth Floor	2,542.53		26.00	2,665.95
Fifteenth Floor	2,551.46		26.00	2,676.76
Sixteenth Floor	2,542.53		26.00	2,665.95
Seventeenth Floor	2,551.46		26.00	2,676.76
Eighteenth Floor	2,542.53		26.00	2,665.95
Nineteenth Floor	2,551.46		26.00	2,676.76
Terrace Floor			-	228.97
South Block	43,815.66	350.81	442.00	72,472.30
Clubhouse				
Stilt Floor	303.78		NA	307.09
First Floor	-		NA	-
Second Floor	315.31		NA	330.23
Third Floor	303.78		NA	304.99
Fourth Floor	419.04		NA	418.72
Terrace Floor	-		NA	78.00
Club House	1,341.91	-	NA	1,439.03
Total	68,319.69	614.01	676.00	103,865.38

- II. Plot area of the development is 18,101.45 Sq.m
- III. The green belt development area is 2799.97Sq.m (15.47%).
- IV. Water source is private tankers.
- V. Total water requirement during operation is 483 KLD. The waste water generation from the project is estimated to be about 478 KLD, which will be treated in proposed sewage treatment plant of capacity 480 KLD and will be recycled for flushing and gardening.
- VI. 1.303 Tonne/day of biodegradable waste will be sent to Organic Waste Converter and 0.869 Tonne/day of non-biodegradable waste will be disposed to authorized recyclers.
- VII. Power Requirement:

The power requirement during operation is about 283Lakh KWH/Year and it will be sourced from the nearby TNEB grid which will be distributed through the transformers within our premises.

- VIII. As per committee's direction, I hereby declare that we will spent Rs.1.77 Crores as per CER OM F.No. 22-65/2017-IA.III dated: 01.05.2018, (which is 1.5 % of the total project cost 118.00 Crores ->100 crores to ≤500 crores for Green field projects) need to spend for CER activities:

S.NO	Description	Amount in INR (Lakhs)				
		2023-2024	2024-2025	2025-2026	2026-2027	2027-2028
1	Govt Panchayat Union School, Siruseri					
1.01	Additional Class Rooms (2 Nos)	4.0	3.0	3.0	3.0	3.0
1.02	Renovation and repair work for existing 2 class rooms	1.0	0.5	0.5	0.5	0.5
1.03	Toilet Facilities	2.0	0.5	0.5	0.5	0.5
1.04	Construction of water tank for drinking water supply	0.5	0.25	0.25	0.25	0.25
1.05	Hand wash area	0.6	0.1	0.1	0.1	0.1
1.06	Tree plantation	4.0	0.5	0.5	0.5	0.5
1.07	Equipments for sports	1.0	0.25	0.25	0.25	0.25
1.08	Computer systems (2 Nos) and allied accessories	0.5	0.25	0.25	0.25	0.25
1.09	Tables and Chairs – 3 Nos	0.1	0.1	0.1	0.1	0.1
1.10	Storage Cub Board – 2 Nos	0.1	0.1	0.1	0.1	0.1
1.11	Smart class room	3.0	0.5	0.5	0.5	0.5

  
**MEMBER SECRETARY**  
**SEIAA-TN**

<b>Total for Govt Panchayat Union School, Siruseri (A)</b>		<b>41.0</b>				
<b>2</b>	<b>Govt (ADW) High School, Pudupakkam</b>					
2.01	Renovation and repair work for existing 2 class rooms terrace roof	4.0	1.0	1.0	1.0	1.0
2.02	Renovation and painting work for existing class rooms and compound wall	3.0	1.0	1.0	1.0	1.0
2.03	Facilities for Dining area	1.0	0.5	0.5	0.5	0.5
2.04	Tree Plantation	4.0	0.5	0.5	0.5	0.5
2.05	Equipment's for sports	1.0	0.25	0.25	0.25	0.25
2.06	Smart class room	3.0	0.5	0.5	0.5	0.5
<b>Total for Govt (ADW) High School, Pudupakkam (B)</b>		<b>31.00</b>				
3.	Construction and maintenance of Community Hall to Tribals in Kanchipuram	33.0	5.0	5.0	5.0	5.0
4.	Construction of Community Hall in Chepauk	32.0	5.0	5.0	5.0	5.0
<b>Sub Total (C)</b>		<b>105.00</b>				
<b>Total (A + B + C)</b>		<b>177.00</b>				

IX. Revised EMP Budgetary allocation including solar which must cover minimum 50% of the roof top area is given below:

Description	Budgetary Allocation (Rs. In Lakhs)	
	Capital Expenses	Recurring Expenses Per Annum
Sewage Treatment Plant	80	28
Rain Water Harvesting System	10	2

Solid Waste Management	20	8
Environmental Monitoring	-	3
Energy Conservation	-	2
Greenbelt Development	70	15
Solar which must cover minimum 50% of the roof top area.	30	4
Desiltation to be done for nearby nalla.	8.0	1
<b>Total</b>	<b>218.0</b>	<b>63.0</b>

**SEAC Recommendations:**

**Proposed construction of High rise building for residential purposes in S.No. 127/1, 127/2, 127/3, 131, 132/2, 132/1A, 132/1B, 132/3, 133, 130/1A, 130/1B, 134/1A2, 134/1C, 134/1D & 134/2B of Siruseri Village, Tiruporur Taluk, Kanchipuram district, Tamil Nadu by M/s. L&T South City Projects Pvt. Ltd. Eden Park Township Phase 2 - For Environmental Clearance**

The proposal was placed in 320<sup>th</sup> SEAC meeting held on 13.10.2022. The details of the project furnished by the proponent are given in the website (parivesh.nic.in).

The SEAC noted the following:

1. The Project Proponent, M/s. L&T South City Projects Pvt. Ltd has applied for Environmental Clearance for the Proposed construction of High rise building for residential purposes in S.No. 127/1, 127/2, 127/3, 131, 132/2, 132/1A, 132/1B, 132/3, 133, 130/1A, 130/1B, 134/1A2, 134/1C, 134/1D & 134/2B of Siruseri Village, Tiruporur Taluk, Kanchipuram district, Tamil Nadu.
2. The project/activity is covered under Category "B" of item 8(a) "Building & Construction" of the Schedule to the EIA Notification, 2006.
3. The proposal involves construction of residential building with a total built up area of 1,03,865.38 Sq.m and the total no. of dwelling units is 676 Nos.
4. Earlier this proposal was placed in 310<sup>th</sup> SEAC meeting held on 14.09.2022. Based on the presentation made by the proponent, SEAC decided to call for additional details
  1. Document pertaining to the OSR already allocated.
  2. Document regarding handing over the OSR to the local body.
  3. Details regarding the development carried out in the OSR already allocated.
  4. Plan for development of OSR.

  
**MEMBER SECRETARY**  
**SEIAA-TN**

872

5. Consent from SIPCOT to use the SIPCOT road as approach road for the proposed construction.
6. Submit the revised EMP including Solar which must cover a minimum of 50% of the roof top area.
7. The Reduced Level (RL) of the nearby lake and the RL of the proposed site shall be submitted.

Based on the reply furnished by the PP, the proposal was again placed in this 320th SEAC meeting held on 13.10.2022.

The PP submitted a letter stating request for change in the consultant vide letter dated: 29.09.2022. Based on the request, committee accepted the proponent's request and the EIA Coordinator of M/s. Hubert Enviro Care Systems, Chennai made a presentation.

Based on the presentation and document furnished by the proponent, SEAC decided to **recommend the proposal for the grant of Environmental Clearance** subject to the following specific conditions in addition to normal conditions stipulated by MOEF&.CC,

1. The project proponent must create a rain water harvesting pond in the land allocated for OSR.
2. The project proponent shall obtain IGBC Gold rating for the construction project.
3. The project proponent shall maintain minimum 15% green belt as committed.
4. The proponent shall provide Bio Methanation plant within project site for bio-degradable waste and shall dispose the non- Biodegradable waste to authorized recyclers as committed.
5. The PP shall adopt air cooling HVAC system instead of water cooling system.
6. PP shall ensure that DG sets are run on green energy sources instead of Diesel.
7. The height of the stacks of DG sets shall be provided as per the CPCB norms.
8. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc. to TNPCB before obtaining CTO.
9. The proponent shall make proper arrangements for the utilization of the treated water from the proposed site for Toilet flushing, Green belt development, OSR, and no treated water shall be let out of the premise.
10. The sludge generated from the Sewage Treatment Plant shall be collected and de-watered using filter press and the same shall be utilized as manure for green belt development after composting.

MEMBER SECRETARY  
SEIAA-TN



11. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix, in consultation with the DFO, State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
12. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted with proper spacing as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner.
13. The unit shall ensure the compliance of land use classification fit for construction.
14. The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the public usage and as committed.
15. The PP shall construct a pond of appropriate size in the earmarked OSR land in consultation with the local body. The pond should be modelled like a temple tank with parapet walls, steps, etc. The pond is meant to play three hydraulic roles, namely (1) as a storage, which acted as insurance against low rainfall periods and also recharges groundwater in the surrounding area, (2) as a flood control measure, preventing soil erosion and wastage of runoff waters during the period of heavy rainfall, and (3) as a device which was crucial to the overall eco-system.
16. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
17. The project proponent shall allot necessary area for the collection of E waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E waste generation within the premise.
18. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.
19. No waste of any type to be disposed of in any other way other than the approved one.
20. All the mitigation measures committed by the proponent for the flood management, to

  
MEMBER SECRETARY  
SEIAA-TN

avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.

21. The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines.
22. The project proponent shall provide a medical facility, possibly with a medical
23. Officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.
24. The project proponent shall measure the criteria air pollutants data (including CO) due to traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.
25. Solar energy should be at least 25% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
26. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020, the proponent shall adhere the EMP as committed.
27. As accepted by the Project Proponent the CER cost is Rs. 177 lakhs and the amount shall be spent for the activities as committed by the proponent which shall include
28. A community hall at Chepauk – Rs. 50Lakhs.
29. A Community Hall for Irular Community at Kuzhumedu at Palaverkkadu, Tiruvallur District & Maintenance for 5years.

**SEIAA Recommendations:**

The proposal was placed in the 578<sup>th</sup> Authority meeting held on 17.12.2022. The authority noted that the subject was earlier appraised in 320<sup>th</sup> SEAC meeting held on 13.10.2022.

Based on the presentation and document furnished by the proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance.

Subsequently, the proposal was placed in the 565<sup>th</sup> Authority meeting held on 31.10.2022. The Authority after detailed deliberation, noted that

1. The proponent is requested to upload the proper working KML file in the Parivesh Portal.
2. The two-wheeler parking space proposed is 9225 Sqm. Further, as per the details provided by the PP, DTCP norms for two-wheeler parking is 1.8 sq.m / two-wheeler and

738 two-wheeler parking space is proposed to be provided. Hence, there is an ambiguity in the parking space to be provided for the two-wheeler.

3. In Land Use Breakup Details, parking area is not included. Hence, the proponent is requested to include the parking space area in the land Use details and submit the Total land area including the parking space area.
4. The proponent is requested to submit a detailed report enumerating the increase in PCU in the proposed area due to the proposed site and the anticipated change in the traffic pattern. Further, the increase in vehicular emission in the vicinity due to the proposed project shall be included in the report indicating the pollutant levels before construction and expected pollutant levels during the operation phase (Post construction) and the mitigation measures to be adopted shall also be submitted along with the report.
5. The proponent is requested to submit the cost-effective technology deployed to reduce GHG emissions.
6. The proponent is requested to submit the strategies that will be adopted to make it carbon neutral or zero carbon building.
7. The proponent is requested to submit the strategies that will be adopted to reduce emissions during operation (operational phase and building materials)
8. The proponent is requested to submit the strategies that will be adopted to decarbonize the building.
9. The proponent is requested to submit the strategies that will be adopted to maintain the health of the inhabitants.
10. The proponent is requested to submit the strategies that will be adopted to reduce electricity demand and consumption.
11. The proponent is requested to submit the details regarding the provisions for automated energy efficiency.
12. The proponent is requested to submit the details regarding the provisions for controlled ventilation and lighting systems.
13. The proponent is requested to submit the strategies that will be adopted to reduce temperature including the Building Façade.
14. The proponent is requested to submit the details regarding the methodology that will be adopted to effectively implement the SWM 2016, Plastic Waste Management 2016, and E – Waste 2016.

  
MEMBER SECRETARY  
SEIAA-TN

15. The proponent is requested to furnish the details regarding the area coverage of solar panels and contribution to the grid from the solar panel proposed.
16. The proponent is requested to submit the details regarding the methodology adopted to control thermal environment and other shocks in the building.

Hence, upon receipt of the above-mentioned details, the proposal will be deliberated for grant of Environmental Clearance.

Based on the reply furnished by the proponent the proposal was again placed in the 578<sup>th</sup> Authority meeting held on 17.12.2022. After detailed deliberations, the Authority accepted the recommendations of SEAC and decided to grant Environmental Clearance subject to the conditions as recommended by SEAC in addition to the following conditions and conditions stated therein vide Annexure 'C':

1. All the replies given for the queries raised shall be adhered in letter and spirit.

**Annexure- 'C'**

1. The proponent shall ensure that no treated or untreated sewage shall be let outside the project site & shall find access to nearby water-bodies under any circumstances other than the permitted mode of disposal.
2. The proponent shall provide STP of adequate capacity as committed and shall continuously & efficiently operate STP so as to satisfy the treated sewage discharge standards prescribed by the TNPCB time to time.
3. The proponent shall periodically test the treated sewage through TNPCB lab /NABL accredited laboratory and submit report to the TNPCB.
4. The proponent shall periodically test the water sample for the general water quality core parameters including fecal coliform within the proposed project site through TNPCB lab /NABL accredited laboratory and submit report to the concerned authorities.
5. All the construction of Buildings shall be energy efficient and conform to the green building norms. The PP shall ensure that carbon neutral building.
6. The project proponent shall adhere to provide adequate parking space for visitors of all inmates including clean traffic plan as committed.
7. The proponent shall ensure that no form of municipal solid waste shall be disposed outside the proposed project site at any time.

8. All bio-safety standards, hygienic standards and safety norms of working staff and patients to be strictly followed as stipulated in EIA/EMP.
9. The disaster management and disaster mitigation standards to be seriously adhered to avoid any calamities.
10. The project proponent shall adhere to height of the buildings as committed.
11. The proponent shall ensure that the EIA/EMP and disaster management plan should be adhered strictly.
12. The activities should in no way cause emission and build-up Green House Gases. All actions to be eco friendly and support sustainable management of the natural resources within and outside the campus premises.
13. The proponent should strictly comply with, Tamil Nadu Government order regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.
14. The proponent shall ensure that provision should be given for proper utilization of recycled water.
15. The proponent shall ensure that the buildings should not cause any damage to water environment, air quality and should be carbon neutral building.
16. All the Buildings shall be energy efficient and confirm to the green building norms.
17. The proponent shall ensure almost safety for the existing biodiversity, trees, flora & fauna shall not disturb under any circumstances.
18. The proponent shall ensure that the all activities of EMP shall be completed before obtaining CTO from TNPCB.
19. The proponent shall ensure that the activities undertaken should not result in carbon emission, and temperature rise, in the area.
20. The proponent shall ensure that the buildings and activities should not result in Environmental damages, nor result in temperature rise.
21. The proponent shall provide and ensure the green belt plan is implemented as indicated in EMP. Also, the proponent shall explore possibilities to provide sufficient grass lawns.
22. The project proponent shall ensure to provide adequate elevated closed area earmarked for collection, segregation, storage & disposal of wastes generated within the premises as per provisions of Solid Waste Management Rules, 2016, E-Waste (Management) Rules, 2016, Plastic Waste Management Rules, 2016 as amended, Bio-Medical Waste

  
MEMBER SECRETARY  
SEIAA-TN

Management Rules, 2016 as amended, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended, Construction and Demolition Waste Management Rules, 2016, & Batteries (Management and Handling) Rules, 2001.

23. The proponent shall provide the emergency exit in the buildings.
24. The proponent shall provide elevator as per rules CMDA/DTCP.
25. The proponent shall provide adequate capacity of DG set (standby) for the proposed STP so as to ensure continuous and efficient operation.
26. The proponent shall adhere to the provision and norms regard to fire safety prescribed by competent authority.

The project proponent shall adhere to storm water management plan as committed.

Environmental Clearance along with the conditions containing four parts namely

Part - A – Common conditions applicable for Pre-construction, Construction and Operational Phases

Part - B – Specific Conditions – Pre construction phase

Part - C – Specific Conditions – Construction phase

Part - D – Specific Conditions – Operational Phase/Post constructional Phase / Entire life of the project.

**Validity:**

**The SEIAA hereby accords Environmental Clearance to the above project under the provisions of EIA Notification dated 14<sup>th</sup> September, 2006 as amended, with validity for Seven years from the date of issue of EC, subject to the compliance of the terms and conditions stipulated below:**

**Part - A – Common conditions applicable for Pre-construction, Construction and Operational Phases:**

1. Any appeal against this Environmental Clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
2. The construction of STP, ETP, Solid Waste Management facility, E-waste management facility, DG sets, etc., should be made in the earmarked area only. In any case, the location of these utilities should not be changed later on.

3. The Environmental safeguards contained in the application of the proponent /mentioned during the presentation before the State Level Environment Impact Assessment Authority / State Level Expert Appraisal Committee should be implemented in the letter and spirit.
4. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire and Rescue Services Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wild Life (Protection) Act, 1972, State / Central Ground Water Authority, Coastal Regulatory Zone Authority, other statutory and other authorities as applicable to the project shall be obtained by project proponent from the concerned competent authorities.
5. The SEIAA reserves the right to add additional safeguard measures subsequently, if non-compliance of any of the EC conditions is found and to take action, including revoking of this Environmental Clearance as the case may be.
6. A proper record showing compliance of all the conditions of Environmental Clearance shall be maintained and made available at all the times.
7. 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 under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company. The status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chennai by e-mail.
8. The Regional Office of the Ministry located at Chennai 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.
9. "Consent for Establishment" shall be obtained from the Tamil Nadu Pollution Control Board and a copy shall be submitted to the SEIAA, Tamil Nadu.
10. In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.
11. The conditions will 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, the Public Liability Insurance Act, 1991,

  
MEMBER SECRETARY  
SEIAA-TN

SB

- along with their amendments ,draft Minor Mineral Conservation & Development Rules , 2010 framed under MMDR Act 1957,National Commission for protection of Child Right Rules ,2006 and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/Hon'ble High Court of Madras and any other Courts of Law, including the Hon'ble National Green Tribunal relating to the subject matter.
12. The Environmental Clearance shall not be cited for relaxing the other applicable rules to this project.
  13. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.
  14. 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, Chennai, the respective Zonal Office of CPCB, Bengaluru and the TNPCB. The criteria pollutant levels namely; PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored.
  15. The SEIAA, TN may cancel the Environmental Clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this environmental clearance, if it is found or if it comes to the knowledge of this SEIAA, TN that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the Environmental Clearance.
  16. The Environmental Clearance does not imply that the other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would be considering the project on merits and be taking decisions independently of the Environmental Clearance.
  17. The SEIAA, TN may alter/modify the above conditions or stipulate any further condition in the interest of environment protection, even during the subsequent period.
  18. The Environmental Clearance does not absolve the applicant/proponent of his obligation/requirement to obtain other statutory and administrative clearances from other statutory and administrative authorities.

19. Where the trees need to be cut, compensation plantation in the ratio of 1:10 (i.e. planting of 10 trees for every one tree that is cut) should be done with the obligation to continue maintenance.
20. A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive who will report directly to the Head of the Organization and the shortfall shall be strictly reviewed and addressed.
21. The EMP cost shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually.
22. The Project Proponent has to provide rain water harvesting pits 16Nos to recover and reuse the rain water during normal rains as reported.
23. The project activity should not cause any disturbance & deterioration of the local bio diversity.
24. The project activity should not impact the water bodies. A detailed inventory of the water bodies and forest should be evaluated and fact reported to the Forest Department & PWD for monitoring.
25. All the assessed flora & fauna should be conserved and protected.
26. The proponent should strictly comply with, Tamil Nadu Government Order (Ms) No.84 Environment and forests (EC.2) Department dated 25.06.2018 regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.
27. Necessary permission shall be obtained from the competent authority for the drawl / outsourcing of fresh water before obtaining consent from TNPCB.
28. The proponent shall appoint an Environmental Engineer with necessary qualification for the operation and maintenance of STP (Sewage Treatment Plant) and GWTP (grey water Treatment Plant)
29. The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.
30. All the mitigation measures committed by the proponent for the flood management, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
31. No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.

  
MEMBER SECRETARY  
SEIAA-TN



32. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided.
33. The safety measures proposed in the report should be strictly followed.

**Part - B – Specific Conditions – Pre construction phase:**

1. **The project authorities should advertise with basic details at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of clearance. The press releases also mention that a copy of the clearance letter is available with the State Pollution Control Board and also at website of SEIAA, TN. The copy of the press release should be forwarded to the Regional Office of the Ministry of Environment and Forests located at Chennai and SEIAA-TN.**
2. In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.
3. **A copy of the clearance letter shall be sent by the proponent to the Local Body. The clearance letter shall also be put on the website of the Proponent.**
4. The approval of the competent authority shall be obtained for structural safety of the buildings during earthquake, adequacy of firefighting equipments, etc. as per National Building Code including protection measures from lightning etc. before commencement of the work.
5. All required sanitary and hygienic measures for the workers should be in place before starting construction activities and they have to be maintained throughout the construction phase.
6. Design of buildings should be in conformity with the Seismic Zone Classifications.
7. The Construction of the structures should be undertaken as per the plans approved by the concerned local authorities/local administration.
8. No construction activity of any kind shall be taken up in the OSR area.
9. Consent of the local body concerned should be obtained for using the treated sewage in the OSR area for gardening purpose. The quality of treated sewage shall satisfy the bathing quality prescribed by the CPCB.
10. The height and coverage of the constructions shall be in accordance with the existing FSI/FAR norms as per Coastal Regulation Zone Notification, 2011.

11. The Project Proponent shall provide car parking exclusively for the visiting guest in the proposed residential apartments as per CMDA norms.
12. The project proponent shall ensure the entry of basement shall be above maximum flood level.
13. The proponent shall prepare completion plans showing Separate pipelines marked with different colours with the following details
  - i. Location of STP, compost system, underground sewer line.
  - ii. Pipe Line conveying the treated effluent for green belt development.
  - iii. Pipe Line conveying the treated effluent for toilet flushing
  - iv. Water supply pipeline
  - v. Gas supply pipe line, if proposed
  - vi. Telephone cable
  - vii. Power cable
  - viii. Storm water drains, and
  - ix. Rain water harvesting system, etc. and it shall be made available to the owners
14. A First Aid Room shall be provided in the project site during the entire construction and operation phases of the project.
15. The present land use surrounding the project site shall not be disturbed at any point of time.
16. The green belt area shall be planted with indigenous native trees.
17. Natural vegetation listed particularly the trees shall not be removed during the construction/operation phase. In case any trees are likely to be disturbed, shall be replanted.
18. During the construction and operation phase, there should be no disturbance to the aquatic eco-system within and outside the area.
19. The Provisions of Forest conservation Act 1980, Wild Life Protection Act 1972 & Bio diversity Act 2002 should not be violated.
20. There should be Firefighting plan and all required safety plan.
21. Regular fire drills should be held to create awareness among owners/ residents.

  
MEMBER SECRETARY  
SEIAA-TN



**Part - C - Specific Conditions – Construction phase:**

**1. Construction Schedule:**

- i) The Project proponent shall have to furnish the probable date of commissioning of the project supported with necessary bar charts to SEIAA-TN.

**2. Labor Welfare:**

- i) All the laborers to be engaged for construction should be screened for health and adequately treated before and during their employment on the work at the site.
- ii) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contradictions due to exposure to dust and take corrective measures, if needed.
- iii) Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly. The workers shall be provided with personnel protective measures such as masks, gloves, boots etc.

**3. Water Supply:**

- i) The entire water requirement during construction phase may be met from private tankers
- ii) Provision shall be made for the housing labor within the site with all necessary infrastructures and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- iii) Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The treatment and disposal of waste water shall be through dispersion trench after treatment through septic tank. The MSW generated shall be disposed through Local Body and the identified dumpsite only.
- iv) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices prevalent.

- v) Fixtures for showers, toilet flushing and drinking water should be of low flow type by adopting the use of aerators / pressure reducing devices / sensor based control.

**4. Solid Waste Management:**

- i) In the solid waste management plan, the STP sludge management plan for direct use as manure for gardens is not acceptable; it must be co-composted with biodegradables.
- ii) Hazardous waste such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent bottles should be segregated at source, collected once in a month from residences and disposed as per the SWM Rules 2016.
- iii) Domestic solid wastes to be regularly collected in bins or waste handling receptacles and disposed as per the solid waste management rules 2016.
- iv) No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.
- v) E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016 and subsequent amendment.

**5. Top Soil Management:**

- i) All the top soil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.

**6. Construction Debris disposal:**

- i) Disposal of construction debris during construction phase should not create any adverse effect on the neighboring communities and be disposed off only in approved sites, with the approval of Competent Authority with necessary precautions for general safety and health aspects of the people. The construction and demolition waste shall be managed as per Construction & Demolition Waste Management Rules, 2016.
- ii) Construction spoils, including bituminous materials and other hazardous materials, must not be allowed to contaminate watercourses. The dump sites for such materials must be secured so that they should not leach into the adjacent land/ lake/ stream etc.

  
MEMBER SECRETARY  
SEIAA-TN  


**7. Diesel Generator sets:**

- i) Low Sulphur Diesel shall be used for operating diesel generator sets to be used during construction phase. The air and noise emission shall conform to the standards prescribed in the Rules under the Environment (Protection) Act, 1986, and the Rules framed thereon.
- ii) The diesel required for operating stand by DG sets shall be stored in barrels fulfilling the safety norms and if required, clearance from Chief Controller of Explosives shall be taken.
- iii) The acoustic enclosures shall be installed at all noise generating equipments such as DG sets, air conditioning systems, cooling water tower etc.

**8. Air & Noise Pollution Control:**

- i) Vehicles hired for bringing construction materials to the site should be in good condition and should conform to air and noise emission standards, prescribed by TNPCB/CPCB. The vehicles should be operated only during non-peak hours.
- ii) Ambient air and noise levels should conform to residential standards prescribed by the TNPCB, both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during the construction phase. The pollution abatement measures shall be strictly implemented.
- iii) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site shall be avoided. Parking shall be fully internalized and no public space should be utilized. Parking plan to be as per CMDA norms. The traffic department shall be consulted and any cost effective traffic regulative facility shall be met before commissioning.
- iv) The buildings should have adequate distance between them to allow free movement of fresh air and passage of natural light, air and ventilation.
- v) The project proponent should ensure that adequate Air Pollution Control measures shall be provided from buses and other vehicles, which will be entering the bus terminal. Further, water sprinkling system shall be provided and same shall be used at regular interval to control the dust emission within the project site.

**9. Building material:**

- i) Fly-ash blocks should be used as building material in the construction as per the provision of Fly ash Notification of September, 1999 and amended as on 27th August, 2003 and Notification No. S.O. 2807 (E) dated: 03.11.2009.
- ii) Ready-mix concrete shall alone be used in building construction and necessary cube-tests should be conducted to ascertain their quality.
- iii) Use of glass shall be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, high quality double glass with special reflecting coating shall be used in windows.

**10. Storm Water Drainage:**

- i) Storm water management around the site and on site shall be established by following the guidelines laid down by the storm water manual.
- ii) Storm water management plan shall be obtained by engaging the services of Anna University/IIT.

**11. Energy Conservation Measures:**

- i) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material, to fulfill the requirement.
- ii) Opaque wall should meet prescribed requirement as per Energy Conservation Building Code which is mandatory for all air conditioned spaces by use of appropriate thermal insulation material to fulfill the requirement.
- iii) All norms of Energy Conservation Building Code (ECBC) and National Building Code, 2005 as energy conservation have to be adopted Solar lights shall be provided for illumination of common areas.
- iv) Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting. A hybrids system or fully solar system for a portion of the apartments shall be provided.
- v) A report on the energy conservation measures conforming to energy conservation norms prescribed by the Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology; R & U factors etc and submitted to the SEIAA in three month's time.

  
MEMBER SECRETARY  
SEIAA-TN

- vi) Energy conservation measures like installation of CFLs/TFLs for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.

**12. Fire Safety:**

- i) Adequate fire protection equipments and rescue arrangements should be made as per the prescribed standards.
- ii) Proper and free approach road for fire-fighting vehicles upto the buildings and for rescue operations in the event of emergency shall be made.

**13. Green Belt Development:**

- i) The Project Proponent shall plant tree species with large potential for carbon capture in the proposed green belt area based on the recommendation of the Forest department well before the project is completed.
- ii) The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area all along the boundary of the project site with at least 3 meter wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.
- iii) The proponent shall develop the green belt as per the plan furnished and area earmarked for the greenbelt shall not be alter at any point of time for any other purpose.

**14. Sewage Treatment Plant:**

- i) The Sewage Treatment Plant (STP) installed should be certified by an independent expert/ reputed Academic institutions for its adequacy and a report in this regard should be submitted to the SEIAA, TN before the project is commissioned for operation. Explore the less power consuming systems viz baffle reactor, etc., for the treatment of sewage.
- ii) The Proponent shall install STP as furnished. Any alteration to satisfy the bathing quality shall be informed to SEIAA-TN.
- iii) The project proponent shall operate and maintain the Sewage treatment Plant and Effluent treatment plant effectively to meet out the standards prescribed by the CPCB.

- iv) The project proponent shall continuously operate and maintain the Sewage treatment plant and Effluent treatment plant to achieve the standards prescribed by the CPCB.
- v) The project proponent has to ensure the complete recycling of treated Sewage & Effluent water after achieving the standards prescribed by the CPCB.
- vi) The project proponent has to provide separate standby D.G set for the STP/GWTP for the continuous operation of the STP/GWTP in case of power failure.

**15. Rain Water Harvesting:**

- i) The proponent shall ensure that roof rain water collected from the covered roof of the buildings, etc shall be harvested so as to ensure the maximum beneficiation of rain water harvesting by constructing adequate sumps so that 100% of the harvested water shall be reused.
- ii) Rain water harvesting for surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment with screens, settlers etc. must be done to remove suspended matter, oil and grease, etc.
- iii) The Project Proponent has to provide rain water harvesting pits 16Nos to recover and reuse the rain water during normal rains as reported.
- i) The project activity should not cause any disturbance & deterioration of the local bio diversity.

**16. Building Safety:**

Lightning arrester shall be properly designed and installed at top of the building and where ever is necessary.

**Part – D - Specific Conditions – Operational Phase/Post constructional phase/Entire life of the project:**

1. There should be Firefighting plan and all required safety plan.
2. Regular fire drills should be held to create awareness among owners/ residents.
3. Hazardous waste such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent bottles should be segregated at source, collected once in a month from residences and disposed as per the SWM Rules 2016.
4. The building should not spoil the green views and aesthetics of surroundings and should provide enough clean air space.

  
**MEMBER SECRETARY**  
**SEIAA-TN**

5. Solar energy saving shall be increased to atleast 10% of total energy utilization.
6. The Project proponent has to spend the CER as committed in the affidavit. The above activity shall be carried out before obtaining CTO from TNPCB.
7. The EMP cost shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually
8. The EMP cost shall be printed in the Brochure / Pamphlet for the preparation of the sale of the property and should also mention the component involved.
9. The Project proponent shall get due permission from the wetland Authority before the commencement of the work, if applicable.
10. The Project proponent should discuss with the wet land Authority, Tamil Nadu Forest Department, PWD and support lake restoration cum improvement, awareness and conservation programs.
11. The project activities should in no way disturb the manmade structures.
12. The Proponent shall do afforestation/ restoration programme contemplated to strengthen the open spaces shall preferably include native species along with the financial forecast for planting and maintenance for 5 years.
13. "Consent to Operate" should be obtained from the Tamil Nadu pollution Control Board before the start of the operation of the project and copy shall be submitted to the SEIAA-TN.
14. Raw water quality to be checked for portability and if necessary RO plant shall be provided.
15. The Proponent should be responsible for the maintenance of common facilities including greening, rain water harvesting, sewage treatment and disposal, solid waste disposal and environmental monitoring including terrace gardening for a period of 3 years. Within one year after handing over the flats to all allottees a viable society or an association among the allottees shall be formed to take responsibility of continuous maintenance of all facilities with required agreements for compliance of all conditions furnished in Environment Clearance (EC) order issued by the SEIAA-TN or the Proponent himself shall maintain all the above facilities for the entire period. The copy of MOU between the buyers Association and proponent shall be communicated to SEIAA-TN.

16. The ground water level and its quality should be monitored and recorded regularly in consultation with Ground Water Authority.
17. Treated effluent emanating from STP shall be recycled / reused to the maximum extent possible. The treated sewage shall conform to the norms and standards for bathing quality laid down by CPCB irrespective of any use. Necessary measures should be made to mitigate the odour and mosquito problem from STP.
18. The Proponent shall operate STP continuously by providing stand by DG set in case of power failure.
19. It is the sole responsibility of the proponent that the treated sewage water disposed for green belt development/ avenue plantation should not pollute the soil/ ground water/ adjacent canals/ lakes/ ponds, etc
20. Adequate measures should be taken to prevent odour emanating from solid waste processing plant and STP.
21. The e - waste generated should be collected and disposed to a nearby authorized e-waste centre as per E- waste (Management & Handling), Rules 2016 as amended.
22. Diesel power generating sets proposed as source of back-up power 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 the height needed for the combined capacity of all proposed DG sets.
23. The noise level shall be maintained as per MoEF/CPCB/TNPCB guidelines/norms both during day and night time.
24. Spent oil from D.G sets should be stored in HDPE drums in an isolated covered facility and disposed as per the Hazardous & other Wastes (Management & Transboundary Movement) Rules 2016. Spent oil from D.G sets should be disposed off through registered recyclers.
25. The proponent is required to provide a house hold hazardous waste / E-waste collection and disposal mechanism.
26. The proponent shall ensure that storm water drain provided at the project site shall be maintained without choking or without causing stagnation and should also ensure that the storm water shall be properly disposed off in the natural drainage / channels without disrupting the adjacent public. Adequate harvesting of the storm water should also be ensured.

  
MEMBER SECRETARY  
SEIAA-TN

27. Used 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.
28. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.
29. The Environmental Clearance is issued based on the documents furnished by the project proponent. In case any documents found to be incorrect/not in order at a later date the Environmental Clearance issued to the project will be deemed to be revoked/ cancelled.

  
MEMBER SECRETARY  
SEIAA-TN

**Copy to:**

1. The Additional Chief Secretary to Government, Environment & Forests Dept, Govt. of Tamil Nadu, Fort St. George, Chennai - 9.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD Cum-Office Complex, East Arjun Nagar, New Delhi - 110032.
3. The Member Secretary, Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai-600 032.
4. The APCCF (C), Regional Office, Ministry of Environment & Forest (SZ),34, HEPC Building, 1<sup>st</sup> & 2<sup>nd</sup> Floor, Cathedral Garden Road, Nungambakkam, Chennai - 34.
5. Monitoring Cell, I A Division, Ministry of Environment & Forests, Paryavaran Bhavan, CGO Complex, New Delhi - 110003.
6. The Commissioner, Greater Kanchipuram Corporation, Kanchipuram District.
7. Stock File.



THIRU.DEEPAK S. BILGI, I.F.S.  
MEMBER SECRETARY

STATE LEVEL ENVIRONMENT IMPACT  
ASSESSMENT AUTHORITY-TAMILNADU  
3<sup>rd</sup> Floor, Panagal Maaligai,  
No.1, Jeenis Road, Saidapet,  
Chennai - 600 015.  
Phone No. 044-24359973  
Fax No. 044-24359975

**NAME TRANSFER OF ENVIRONMENTAL CLEARANCE**

**Lr. No. SEIAA-TN/F.No.7312/EC/8(a)/895/2022/Name Transfer/Dated: 23.02.2023**

To

M/s. Pragnya South City Projects Private Limited  
Eden Park Township, M.R.Radha Main Road,  
Behind SIPCOT IT Park, Siruseri  
Pudupakkam Village  
Thiruporur Taluk  
Kanchipuram District-603 103

Sir/Madam,

<b>Sub:</b>	SEIAA, TN – Transfer of Name in the Environmental Clearance issued earlier for the Proposed construction of High rise building for residential purposes in S.No. 127/1, 127/2, 127/3, 131, 132/2, 132/1A, 132/1B, 132/3, 133, 130/1A, 130/1B, 134/1A2, 134/1C, 134/1D & 134/2B of Siruseri Village, Tiruporur Taluk, Kanchipuram District, Tamil Nadu from M/s. L&T South City Projects Pvt. Ltd to M/s. Pragnya South City Projects Private Limited under Category B2 and Schedule S.No. 8(a) under the Environment Impact Assessment Notification, 2006, as amended, – Name transfer EC issued – Regarding.
<b>Ref:</b>	1. Earlier EC Issued by SEIAA-TN vide SEIAA-TN Lr. No. SEIAA-TN/F.No.7312/EC/8(a)/895/2022 dated:17.12.2022. 2. Online proposal No.SIA/TN/MIS/297638/2023, dated:15.02.2023. 3. Application seeking EC Name Transfer submitted dated: 15.02.2023. 4. Minutes of the 596 <sup>th</sup> Authority meeting held on 22.02.2023 & 23.02.2023.

MEMBER SECRETARY  
SEIAA-TN

The Environmental Clearance was accorded to M/s. L&T South City Projects Pvt. Ltd, for the Proposed construction of High rise building for residential purposes in S.No. 127/1, 127/2, 127/3, 131, 132/2, 132/1A, 132/1B, 132/3, 133, 130/1A, 130/1B, 134/1A2, 134/1C, 134/1D & 134/2B of Siruseri Village, Tiruporur Taluk, Kanchipuram District, Tamil Nadu under Category B2 and Schedule S.No. 8(a) under the Environment Impact Assessment Notification, 2006 vide reference 1<sup>st</sup> cited.

In this connection, the PP has filed application (Form -7) seeking name transfer from M/s. L&T South City Projects Pvt. Ltd to M/s. Pragnya South City Projects Private Limited vide reference 2<sup>nd</sup> & 3<sup>rd</sup> cited stating that

*We have obtained Environmental Clearance as referred above for the "Proposed construction of High rise building for residential purposes" located at S.F. No. 127/1, 127/2, 127/3, 131, 132/2, 132/1A, 132/1B, 132/3, 133, 130/1A, 130/1B, 134/1A2, 134/1C, 134/1D & 134/2B of Siruseri Village, Tiruporur Taluk, Kanchipuram district, Tamil Nadu.*

*In the meanwhile, our company name has changed as "M/s. Pragnya South City Projects Private Limited" for development of this project.*

*Hence, we would like to change our name from M/s. L & T South City Projects Private Limited to M/s. Pragnya South City Projects Private Limited at S.F. No. 127/1, 127/2, 127/3, 131, 132/2, 132/1A, 132/1B, 132/3, 133, 130/1A, 130/1B, 134/1A2, 134/1C, 134/1D & 134/2B of Siruseri Village, Tiruporur Taluk, Kanchipuram district, Tamil Nadu in the Environmental Clearance issued vide No. SEIAA- TN/F.No.7312/EC/8(a)/895/2022 dated 17.12.2022*

*In light of the above, we humbly request you to consider our name change application and issue an Environmental Clearance in the name of M/s. Pragnya South City Projects Private Limited*

**SEIAA Remarks:**

The proposal was placed in the 596<sup>th</sup> Authority meeting held on 22.02.2023 & 23.02.2023. Based on the document submitted by the project proponent, the authority after detailed discussion decided to grant name change amendment from M/s. L & T South City Projects Pvt Limited to M/s. Pragnya South City Projects Private Limited subject to all the conditions stipulated vide EC Lr. No. SEIAA-TN/F.No.7312/EC/8(a)/895/2022 dated 17.12.2022 and validity remains unaltered.

  
MEMBER SECRETARY  
SEIAA-TN

**Copy to:**

1. The Additional Chief Secretary to Government, Environment & Forests Dept, Govt. of Tamil Nadu, Fort St. George, Chennai - 9.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD Cum-Office Complex, East Arjun Nagar, New Delhi - 110032.
3. The Member Secretary, Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai-600 032.
4. The APCCF (C), Regional Office, Ministry of Environment & Forest (SZ),34, HEPC Building, 1<sup>st</sup> & 2<sup>nd</sup> Floor, Cathedral Garden Road, Nungambakkam, Chennai - 34.
5. Monitoring Cell, I A Division, Ministry of Environment & Forests, Paryavaran Bhavan, CGO Complex, New Delhi - 110003.
6. The Commissioner, Kanchipuram Municipality, Kanchipuram District.
7. Stock File.



# CLINIC ROOM







**PRAGNYA**

Date: 07<sup>th</sup> August 2025

To,

The Preseident,  
Siruseri Panchayat, Thiruporur Panchayat Union,  
Vandalur Taluk, Chengalpattu District - 600 103.

Sir,

Sub: Pragnya Eden Park Residential Township, Phase 2 – Proposed construction of High-Rise Residential Building Namely Block 1, Block 2 and Club House at Siruseri Village, Vandalur Taluk, Chengalpattu District – Regarding Submission of copy of Environmental Clearance issued by SEIAA.

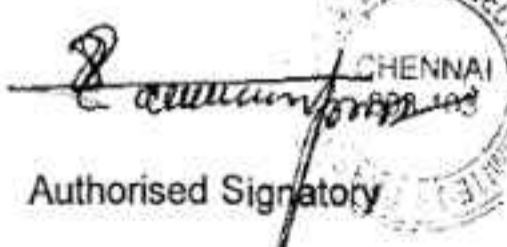
We submit that, we have been instructed to hand over the copy of Environmental Clearance issued by SEIAA [Ref EC Identification No. EC23B038TN128533 dated 11/01/2023 and Letter No. SEIAA-TN/F.No.7312/EC/8(a)/895/2022 dated 17.12.2022] for the proposed construction of High-Rise Residential Building Namely Block 1, Block 2 and Club House at Siruseri Village, Vandalur Taluk, Chengalpattu District, Tamil Nadu.


Therefore, we herewith furnish the copy of the above referred Environmental Clearance and we request you to kindly acknowledge the receipt of the same.

Thanking you,

Yours truly,

For M/s. Pragnya South City Projects Pvt Ltd,

  
CHENNAI  
Authorised Signatory

  
நலைவர்  
சுறுசேர் ஊராட்சி  
திருப்போளூர் ஊராட்சி ஒன்றியம்  
செங்கல்பட்டு மாவட்டம்

Documents Enclosed:

1) Copy of Environmental Clearance [Ref: EC Identification No. EC23B038TN128533 dated 11/01/2023 and Letter No. SEIAA-TN/F.No.7312/EC/8(a)/895/2022 dated 17.12.2022]

**Pragnya South City Projects Pvt. Ltd.** (Formerly L&T South City Projects Pvt. Ltd.)

Eden Park Township, M.R. Radha Main Road, Behind SIPCOT IT Park, Siruseri, Pudupakkam Village,

Chennai - 603 103, Tamil Nadu, INDIA | Tel : +91 44 6660.0666 | www.edenpark.net | CIN No. U70101TN2006PTC058866



**TAMIL NADU FIRE AND RESCUE SERVICES DEPARTMENT**

From  
Dr. C.K.Gandhirajan, I.P.S.,  
DGP / Director,  
Tamil Nadu Fire and Rescue Services,  
No.17, Rukmani Lakshmi pathi Salai,  
Egmore,  
Chennai - 600 008.

To  
The Director,  
Directorate of Town and Country  
Planning,  
No.807, Anna Salai,  
Chennai - 600 002.

R.Dis.No.15177/C1/2019

Dated.15.10.2019

**PP NOC.No.140/2019**

Sir,

Sub: Tamil Nadu Fire and Rescue Services Department -  
Directorate - High Rise Building - Issue of Planning  
Permission NOC requested - Inspection at  
M/s. L & T South City Project Pvt. Ltd, S.No.127/1, 2, 3,  
130/1A, 1B, 131, 132/1A, 1B, 2, 3, 133, 134/1A2, 1C, 1D  
& 2B of Siruseri Village Thiruporur Taluk, Kanchipuram  
District - Reg.

- Ref: 1) Your letter Dated:19.09.2019.  
2) The Deputy Director, North-Western Region, Report  
RC.No.2574/C1/2019, dated:04.10.2019.

\*\*\*\*\*

With reference to the letter cited above, the MSB Inspection committee of North-Western Region has inspected the site at M/s. L & T South City Project Pvt. Ltd, S.No.127/1, 2, 3, 130/1A, 1B, 131, 132/1A, 1B, 2, 3, 133, 134/1A2, 1C, 1D & 2B of Siruseri Village Thiruporur Taluk, Kanchipuram District for which PP NOC has been requested and the committee has made certain observations as regards Fire and Life Safety, which are reproduced below:-

**Observation:**

It is a planning proposal proposed to construct Residential building Block 1 and Block 2. Block 1 consists of consists of Basement + Stilt Floor + 1<sup>st</sup> Floor (Podium Level Parking) + 2<sup>nd</sup> Floor to 19 Floors with the height of 59.90 mts. Block 2 consists of Basement + 1<sup>st</sup> Floor & 2<sup>nd</sup> Floor (Podium Level Parking) + 3<sup>rd</sup> Floor to 19 Floors with the height of 59.90 mts. Club House consists of Stilt Floor + 4 Floors. The plot area is 187827.00 sq.mts and the total builtup area is 68239.76 sq.mts. The proposal has the enough side setback of minimum 12 mts all around the building and inbetween the blocks. The proposed occupancy is classified as Group-A Residential Building and the Sub Division A4 Apartment houses as per the National Building Code of India Part-IV Fire and Life Safety-2016.

The following Fire and Life safety measures should be provided in the proposed building as listed below:

1. One wet-riser should be provided every 1000 sq. mts area covering all floor area with landing valves along with delivery hoses for each block. The riser should be fully charged with adequate pressure at all times and should have both automatic and manual operation. To feed the wet-riser system, sprinkler and yard hydrant system an underground static water tank of minimum capacity 150000 liters should be provided with refilling facilities for each pump house. A terrace level tank of capacity 10000 liters also should be provided for each block. To charge the wet-riser, yard hydrant and sprinkler system two electrical pumps of capacity 2280 LPM should be provided near the underground water tank and an equal capacity of diesel pump should also be provided as an alternative arrangement for each block. Two electrical pump of capacity of 180 LPM should be provided as a jockey pump for each block. Pumps should have the capacity of developing pressure of 3.5kg/cm. sq at remotest location. One set of pumps shall be provided for each 100 hydrants or part thereof, with a maximum of two sets. In case of more than one pump set installation, both pump sets shall be interconnected at their delivery headers.

2. Fire service inlets (4 Way) should be fitted with NRV at ground level.
3. Yard Hydrants should be provided at all around the building at 30 mts interval for each block including club house.
4. Hose reel assembly should be provided per 1000 sq. mts covering each floor area for each block including club house.
5. Manually Operated Fire Alarm Call Points should be provided in each floor near exits for each block including club house.
6. Automatic sprinkler system should be provided for entire building for each block.
7. "Exit" Signage should be provided with alternative source of power supply or battery back-up with "GLOW" TYPE for each block including club house.
8. Do's and Don'ts laminated hanging pads should be provided in all floors in prominent places including club house.
9. Emergency Lights should be provided at staircase landing and exit routes for each block.
10. Public Address System should be provided connecting all the floors for each block.
11. Assembly point should be designated at ground floor for each block.
12. Evacuation route plan should be displayed in all floors for each block.
13. Alternate and Independent power system should be provided to fire pumps, pressurization & smoke venting, Exit signage lighting, Emergency Lighting, Fire alarm system, Public address system, magnetic door hold open devices and Fire Lift.
14. Number of Exit, location and its width should be conforms to the requirement of NBC of India, Part 4, Second Revision 2016.
15. Minimum two numbers of Staircase should be provided with the width of 1.25 meters and they should be away from each other.
16. FIRE ESCAPE- INTERNAL STAIRCASE AND EXTERNAL STAIRCASE:
  - a) Internal staircases:

As per clause 4.4.2.4.3 of the national building code of India part IV Fire and life safety 2016-All staircases shall be minimum width of 1.25 meters. The minimum width of tread without nosing shall

be 250mm. The maximum height riser shall be 190 mm. The number of riser shall be limited to 12 per flights.

b) Fire Exit:

As per the National building code of India part IV fire and life safety 2016- every exit, exit access or exit discharge shall be continuously maintained free of all obstructions or impediments to full use in the case of fire or other emergency.

All exits shall provide continuous means of egress to the exterior open space leading to a street.

Exits shall be so arranged that they may be reached without passing through another occupied unit.

c) External staircases:

As per clause 4.4.2.4.3 of the National Building Code of India part IV fire and life safety 2016-All external stairs shall be directly connected to the ground.

External Staircases shall always be kept in sound and usable condition.

Entrance to the external stairs shall be separate and remote from the internal staircase.

Care shall be taken to ensure that no wall opening or window opens on to or close to an external stairs.

The route to the external stairs shall be free of obstructions at all times.

Handrails to be provided on both sides shall be of a height not less than 1000 mm and not exceeding 1200 mm. There shall be provision of balusters with maximum gap of 150 mm.

The external stairs shall be constructed of non-combustible materials, and any doorway leading to it shall have the required fire resistance.

No external staircases, used as a fire escape, shall be inclined at an angle greater than 45 deg from the horizontal.

d) Fire lifts:

- a. Where applicable, fire lifts shall be provided with a minimum capacity for 8 passengers and fully automated with emergency switch on ground level. In general, buildings 15m in height or above shall be provided with fire lifts.
- b. In case of fire, only fireman shall operate the fire lifts. In normal course, it may be used by other persons.
- c. Each fire lift shall be equipped with suitable inter-communications equipment for communicating with the control room on the ground floor of the buildings.
- d. The number and location of fire lifts in a building shall be decided after taking into consideration various factors like building population, floor area, compartmentation, etc.,

17. One Fire Lift should be provided for each block including club house.

18. Lightning arrester should be provided for each block including club house.

19. Refuge area should be provided at 24<sup>th</sup>, 39<sup>th</sup> meter and every 15<sup>th</sup> meter level as per the requirements of NBC of India, Part 4, Second Revision 2016.

20. The first aid firefighting equipment should be provided at all floors for in accordance with the IS 2190:2010 requirements for each block.

21. Clear side set back area of 12 mts should be provided all around the building and in-between the blocks without any obstructions so as to allow Fire service vehicle to move closer to the building at the time of emergency and it should be designed to withstand a weight of 45tons at any point of operation for the use of Hydraulic platform vehicle. In any case, no ramp, landscape garden and swimming pool shall be allowed in the setback area. The entire setback area earmarked shall be hard paved or provided with reinforced concrete so as to withstand the weight of the Aerial Ladder Platform.

22. Electrical Installation and wiring, Ducts should meet the requirements of NBC of India, Part 4, Second Revision 2016.

23. The width and height of any arch or gate, if any, should have the clearance of not less than 4.5m and 5m respectively.
24. The service ducts such as power cables, communication cables, Ducts etc., should be protected with proper fire sealing/fire dampers.
25. The fire dampers should be located at air conditioned ducts for check the spread of heat, flame, smoke and gases.
26. The cable gallery should be routed through fire resistance duct or fire protected tray.
27. Fire Resistant and Low smoke emission cable should be used.
28. A trained fire officer with a crew shall be arranged to maintain as well as to operate the fire protection systems in case of any need.
29. As per the proposed plan copy, the basement used for parking purpose only.
30. Basement:
  1. The construction of the basement shall be allowed by the Authority in accordance with the land use and other provisions specified in CMDA/DTCP regulations.
  2. The following uses shall be permitted in the basements:
    - (a) Storage of household or other goods of non-combustible material.
    - (b) Strong rooms, bank cellars, etc.,
    - (c) Utility services of the building – like AC equipments, pump rooms, dry transformers etc.,
    - (d) Parking spaces.
  3. The authority may consider mercantile occupancy in the malls or shopping complexes in the first basement if the height of roof is more than 4 m and if it is fully air conditioned, well ventilated and is fully sprinkled.
  4. Further, institutional occupancy of medical or health purposes involving radiation facilities in the first basement may be permitted subject to the MCI regulations and to the provision of

required lighting, ventilation, water supply, drainage and sanitation.

5. The basement can be permitted beyond the building lines at ground level subject to a clear minimum front margin of 4.5 m and side and rear margins of 3 m, and further subject to non-habitual uses and provision for mechanical ventilation and all safety provisions and drainage.

6. The basement shall have the following requirements:

- a) The basement shall be in every part at least 2.4m in height from the floor to the underside of the roof slab or ceiling.
- b) Adequate ventilation shall be provided for the basement. Each Basement shall be separately ventilated. Vents with cross-sectional area (aggregate) not less than 2.5 percent of the floor area spread evenly round the perimeter of the basement shall be provided in the form of grills, or breakable stall board lights or pavement lights or by way of shafts. Alternatively, a system of air inlets shall be provided at basement floor level and smoke outlets at basement ceiling level. Inlets and extracts may be terminated at ground level with stall board or pavement lights as before, but ducts to convey fresh air to the basement floor level have to be laid. Stallboard and pavement lights should be in positions easily accessible to the fire brigade and clearly marked 'SMOKE OUTLET' or 'AIR INLET' with an indication of area served at or near the opening.
- c) Adequate arrangement shall be made such that surface drainage does not enter the basement.
- d) The walls and floors of the basement shall be water-tight and be so designed that the effect of the surrounding soil

and moisture, if any, are taken into account in design and adequate damp proofing treatment is given.

- c) Applicant/owner of the building shall install suitable pumps for pumping the waste water into the sewer in place of directly connecting in to the sewer to avoid any risk of the sewerage or salvage heading back into the basement at any time.
- f) The access to the basement shall be spate from the main and alternate staircase providing access and exit from higher floors. Where the staircase is continuous the same shall be enclosed type serving as a fire separation from the basement floor and higher floors.
- g) Basement exits shall be sufficient to provide for the capacity of the basement and in no case shall be less than two independent basement exits.
- h) Basements having incidental occupancies to main occupancy shall be planned with exit requirements of the basements for the actual occupancy within the basement.
- i) Where basement is used for car parking and also there is direct approach from any occupancy above to the basement, door openings leading to the basement shall need to be protected with fire door with 120 min fire rating, except for exit discharge doors from the basements.

7. The basement should not be used the following purpose :

- a) The basement shall not be used for residential purpose.
- b) No service duct shafts shall be extended in the basement level.
- c) Basement should not be used for theatre, assembly halls, exhibition halls, club rooms, gymnasiums and restaurants.

- d) Kitchens, canteen, pantry or dining not allowed in the basement.
- e) Should not be used for substation or oil transformer in the basement.
- f) Basement should not be used for combustible material storage.
- g) Any material which involve highly corrosive, toxic or noxious alkalis, acids or other liquids or chemicals producing flame, fumes, and explosive, poisonous irritant or corrosive gases.

8. Mechanical ventilation system shall be provided with an alternative source of power supply.


31. During construction of the building the following fire protection measures should be provided in good working condition.

1. Dry riser minimum 100 mm diameter pipe with hydrant outlets on the floors constructed with a fire service inlet to boost the water in the riser from fire service pumps.
2. Drums filled with water of 2000 liters capacity with two fire buckets on each floor.
3. A water storage tank of minimum 20000 liters capacity, which may be used for other construction purposes also.

The MSB inspection team has recommended to issue Planning Permission No objection certificate to the proposed building subject to the fulfillment of the above conditions.

In view of the above PP NOC is issued on fire service point of view to accord planning permission to the above said proposed building subject to fulfillment of the above conditions, as recommended by the MSB committee.

After completion of this project, Fire Licence should be obtained to ensure the Fire Safety Measures.

  
for Director,  
Fire and Rescue Services,  
Tamil Nadu.

Copy to:

M/s. L & T South City Projects Pvt. Ltd.,  
1<sup>st</sup> Floor, Greenways Towers,  
No.119, St. Mary's Road,  
Abhiramapuram,  
Chennai - 600 018.



உண்மை! உதவு!!!  
அருள்மிகு ஸ்ரீ சேவ்வந்தி அம்மன் துணை  
உழைப்பு!!

# சிறுசேரி ஊராட்சி மன்றம்

நெ.13, சிறுசேரி, திருப்போளூர் ஒன்றியம்  
செங்கல்பட்டு மாவட்டம் - 600 130.



## C.தேவராஜ்

தலைவர்

செல் : 98419 61886

## லயன் S.M.ஏகாம்பரம்

துணை தலைவர்

செல் : 9444458880

பெறுநர்,

பொது மேலாளர் (திட்டங்கள்)  
ப்ரங்ந்யா சௌத் சிட்டி ப்ராஜெக்ட்ஸ் பிரைவேட் லிமிடெட்  
(முன்பு: எல் & டி சௌத் சிட்டி ப்ராஜெக்ட்ஸ் பிரைவேட் லிமிடெட்)  
ஈடன் பார்க் டவுன்ஷிப்,  
எம்.ஆர். ராதா மெயின் ரோடு,  
சிறுசேரி-புதுப்பாக்கம் கிராமம்,  
சென்னை-603103.

ஐயா,

பொருள்: 676 குடியிருப்புகளுக்கு தூய நீர் வழங்கக் கோரிய தங்கள்  
17-செப்டம்பர் 2022 தேதியிட்ட விண்ணப்பம்

மேற்கண்ட தங்கள் கோரிக்கையானது, தங்கள் நிறுவனத்திற்கு வழங்கப்பட்ட  
திட்ட அனுமதி கடிதம் எண் 08/2022ல் குறிப்பிட்டபடி, 676 குடியிருப்புகளுக்கான  
உத்தேச கட்டுமான பணிகள் நிறைவடைந்த பின், சட்ட விதிகளின்படி  
பரிசீலனை செய்யப்பட்டு, ஒப்புதல் வழங்க உரிய நடவடிக்கை எடுக்கப்படும்  
என்பதை தெரிவித்துக் கொள்கிறேன்

C.தேவராஜ்  
தலைவர்

சிறுசேரி ஊராட்சி

திருப்போளூர் ஊராட்சி ஒன்றியம்  
செங்கல்பட்டு மாவட்டம்

இங்கனம்





**STABILITY CERTIFICATE**

Form of Certificate of structural soundness under sub-section (4) of section 4 of the Tamil Nadu Public Building (Licensing) Act, 1965 (Tamil Nadu Act, 13 of 1965) referred to in rule 4 of the Tamilnadu Public Buildings (Licensing) Rules 1966

1. Name & Door Number of building : M/s. Pragnya South City Projects Pvt Ltd
2. Location (Street number panchayat Road Union/Town ship/ Cantonment) : MR Radha Main Road, Siruseri Village, Vandalur Taluk, Chengalpattu District – 603 103.
3. Year of Construction : 2025
4. Approximate cost of construction : INR. 237 Crores
5. Purpose for which the building is being use or proposed to be used : Additional Residential Building
6. Details of Construction of the Building (Particulars of the foundation soil specification of the various parts under)
  - a. Foundation : Open Foundation
  - b. Basement : Block 1 – One Basement and Block 2 – One Basement
  - c. Super structure : Block 1 – Stilt + 19 Floors, Block 2 – Stilt + 19 Floors and Club House – Stilt + 4 Floors
  - d. Floor and roof : Block 1 – 1 Basement + Stilt + 19 Floors Block 2 - 1 Basement + Stilt + 19 Floors Club House – Stilt + 4 Floors
7. Period for with license required : 5 Years
8. No of persons to be accommodated : 4590

Station:

Date:

Signature of the Structural Engineer

**H.P. YOGESH**  
B.E. (Civil), M.Tech (Structura)  
Licence No. 1812  
Class-1 (Structural Engineer)  
Mobile : +91 97413 99608



**STATEMENT ACCOMPANYING FORM 'A'**

1. Name & Door Number of building : M/s. Pragnya South City Projects Pvt Ltd
2. Location (Street number panchayat : MR Radha Main Road, Siruseri Village,  
Road Union/Town ship/Cantonment Vandalur Taluk, Chengalpattu District - 603103
3. Year of Construction : 2025
4. Approximate cost of construction : INR. 237 Crores
5. Purpose for which the building is : Additional Residential Building  
being use or proposed to be used
6. Details of Construction of the Building (Particulars of the foundation soil specification of the various parts under)
  - a. Foundation : Open Foundation
  - b. Basement : Block 1 – One Basement and  
Block 2 – One Basement
  - c. Super structure : Block 1 – Stilt + 19 Floors, Block 2 – Stilt + 19 Floor and  
Club House – Stilt + 4 Floors
  - d. Floor and roof : Block 1 – 1 Basement + Stilt + 19 Floors  
Block 2 - 1 Basement + Stilt + 19 Floors  
Club House – Stilt + 4 Floors
7. Period for with license required : 5 Years
8. No of persons to be accommodated : 4590

Station:

Signature of the Structural Engineer

Date:

**H.P. YOGESH**  
B.E. (Civil), M.Tech (Structure)  
Licence No. 1812  
Class-1 (Structural Engineer)  
Mobile : +91 97413 99608



FORM – 'B'

I certify that the proposed additional construction of Multi Storied residential building with Block 1 (1 Basement + Stilt + 19 Floors) + Block 2 (1 Basement + Stilt + 19 Floors) + Club House (Stilt + 4 Floors) at M/s. Pragnya South City Projects Private Ltd, Siruseri Village comprised in Survey no. 127 /1, 2, 3; 130/1A, 1B; 131; 132/1A, 1B, 2, 3; 133; 134/1A2, 1C, 1D and 2B will be structurally sound to be used for the purpose noted in the statement based on the design calculation. Also, the structural soundness of the building had been verified taking in to account the loading as per the latest Indian standards and as per IS -875-1987 and IS 1893. Part 4 of earth quake standards and IS 800 – 2007 for steel.

Place:

Dated:

Signature of the Structural Engineer

**H.P. YOGESH**  
B.E. (Civil), M.Tech (Structura)  
Licence No. 1812  
Class-1 (Structural Engineer)  
Mobile : +91 97413 99608



**FORM – 'C'**

Form of Certificate of structural soundness under sub-section (4) of section 4 of the Tamil Nadu Public Building (Licensing) Act, 1965 (Tamil Nadu Act, 13 of 1965) referred to in rule 4 of the Tamilnadu Public Buildings (Licensing) Rules 1966

**1. Foundation**

- i. Depth below ground level : 4.0
- ii. Nature of the soil sent out in foundation level : Weathered Rock
- iii. Pressure at foundation : 45 T/m<sup>2</sup>
- iv. Probable safe bearing capacity of statement at the foundation : 45 T/m<sup>2</sup>

**2. Superstructure**

- i. Maximum pressure in the most critical section of concrete : 50 N/Sqmm
- ii. Maximum permissible stress in RCC M20 in the Critical section of the Structure : Min Grade considered is M30, 30N/Sqmm
- iii. Nature of Brickwork masonry 1:6 and its stress Maximum permissible stress in Brick masonry : NA

The structural soundness of the building has been verified by myself with reference to ISI loading standards IS:875 (Latest Version) and other relevant Indian Standards Code of Practice and I declare that the proposed Building is a RCC structure with column, beams, walls and slabs. The structure Design and Drawing for the building were prepared by us conforming to the relevant Bureau of Indian Standards viz., is 456. 2000 for plan and reinforced Concrete IS 875 (part II) for imposed loads.

I certify the building constructed according to our structural designs and drawings is structurally safe against earthquake and fit for occupation.

Signature of the Structural Engineer

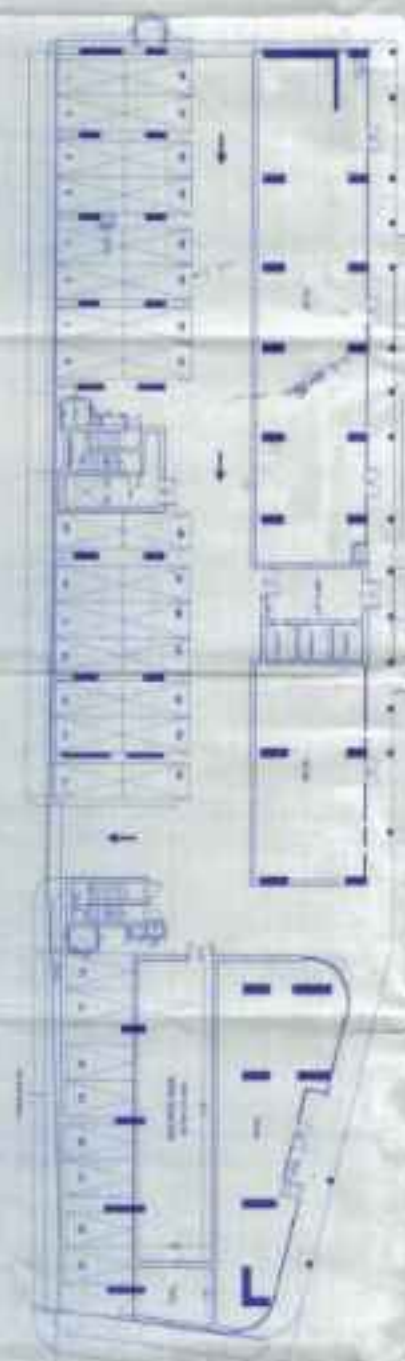
**H.P. YOGESH**  
B.E. (Civil), M.Tech (Structure)  
Licence No. 1812  
Class-1 (Structural Engineer)  
Mobile : +91 97413 99608



PROPOSED RESIDENTIAL CONSTRUCTION OF MAINTENANCE  
 RESIDENTIAL BUILDINGS WITH BLOCK - 1, BASEMENT + 201, 1  
 FLOOR + 1ST FLOOR (PROPOSED), PARADEY + 16.11.2002.14  
 BLOCK - 2, BASEMENT + 201, 1 FLOOR + 1ST & 2ND FLOOR  
 PROPOSED LEVELS: EXISTING + 1ST FLOOR + 1ST FLOOR + 1ST  
 COMPASSION IN BLOCK 1275, 1.1.1805A, 16.11.2002.14, 16.11.2002.14  
 131, 14142, 16.11.2002.14 OF 16.11.2002.14, 16.11.2002.14

CELLULAR CODE

PROPOSED



1ST FLOOR PLAN  
 16.11.2002.14



**REVISIONS**

NO.	DATE	DESCRIPTION
1	16.11.2002.14	...
2	16.11.2002.14	...

**LEGEND**

...	...
...	...



BASEMENT FLOOR PLAN  
 16.11.2002.14

STRUCTURAL ENGINEER

*[Signature]*

ADDRESS

*[Signature]*

OWNER

*[Signature]*

BLOCK - 1, FLOOR PLANS

SCALE - 1:100

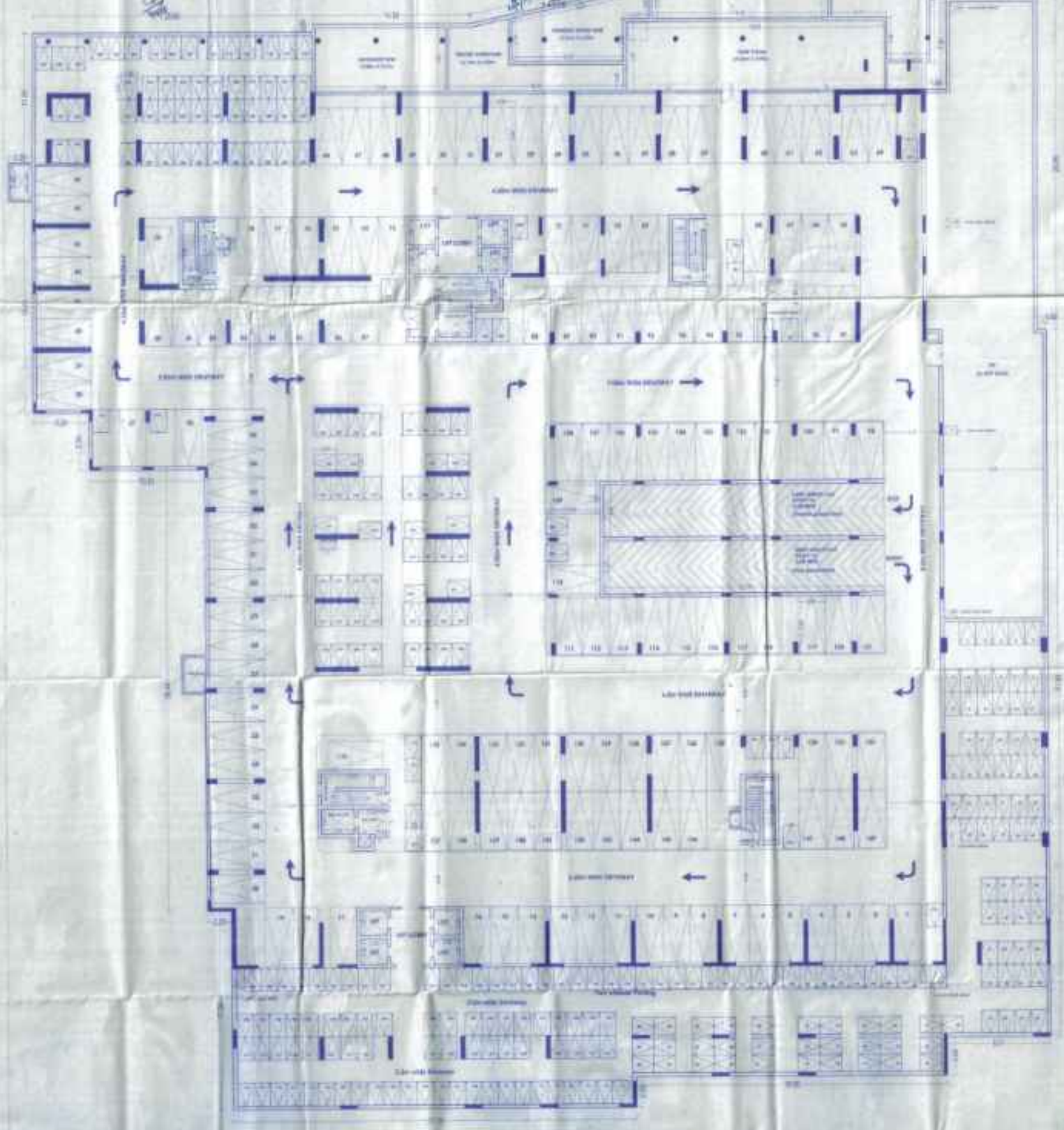
SHEET NO. - 2/14

*Handwritten notes in red ink:*  
 20/1/74  
 1/1/74  
 20/1/74

**Важно!**  
 ВНИМАНИЕ!  
 ВНИМАНИЕ!  
 ВНИМАНИЕ!

*Handwritten notes in blue ink:*  
 1/1/74  
 1/1/74

**Спецификация**  
 Спецификация  
 Спецификация  
 Спецификация



**BASEMENT FLOOR PLAN**

*Small text block in the bottom left corner, likely a legend or scale information.*

*Scale and drawing number information.*

**PROFESSIONAL ENGINEER**  
**ARCHITECT**  
**DATE**

*Professional stamps and signatures of the architect and engineer.*



**NOTES**

1. All dimensions are in meters unless otherwise specified.

2. The floor level is 2.000 m above the datum.

3. The floor is finished with 100 mm concrete and 150 mm brickwork.

4. The floor is to be finished with 100 mm concrete and 150 mm brickwork.

5. The floor is to be finished with 100 mm concrete and 150 mm brickwork.

**REMARKS**

1. The floor is to be finished with 100 mm concrete and 150 mm brickwork.

2. The floor is to be finished with 100 mm concrete and 150 mm brickwork.

3. The floor is to be finished with 100 mm concrete and 150 mm brickwork.

**REVISIONS**

1. 20.10.2023

2. 21.10.2023

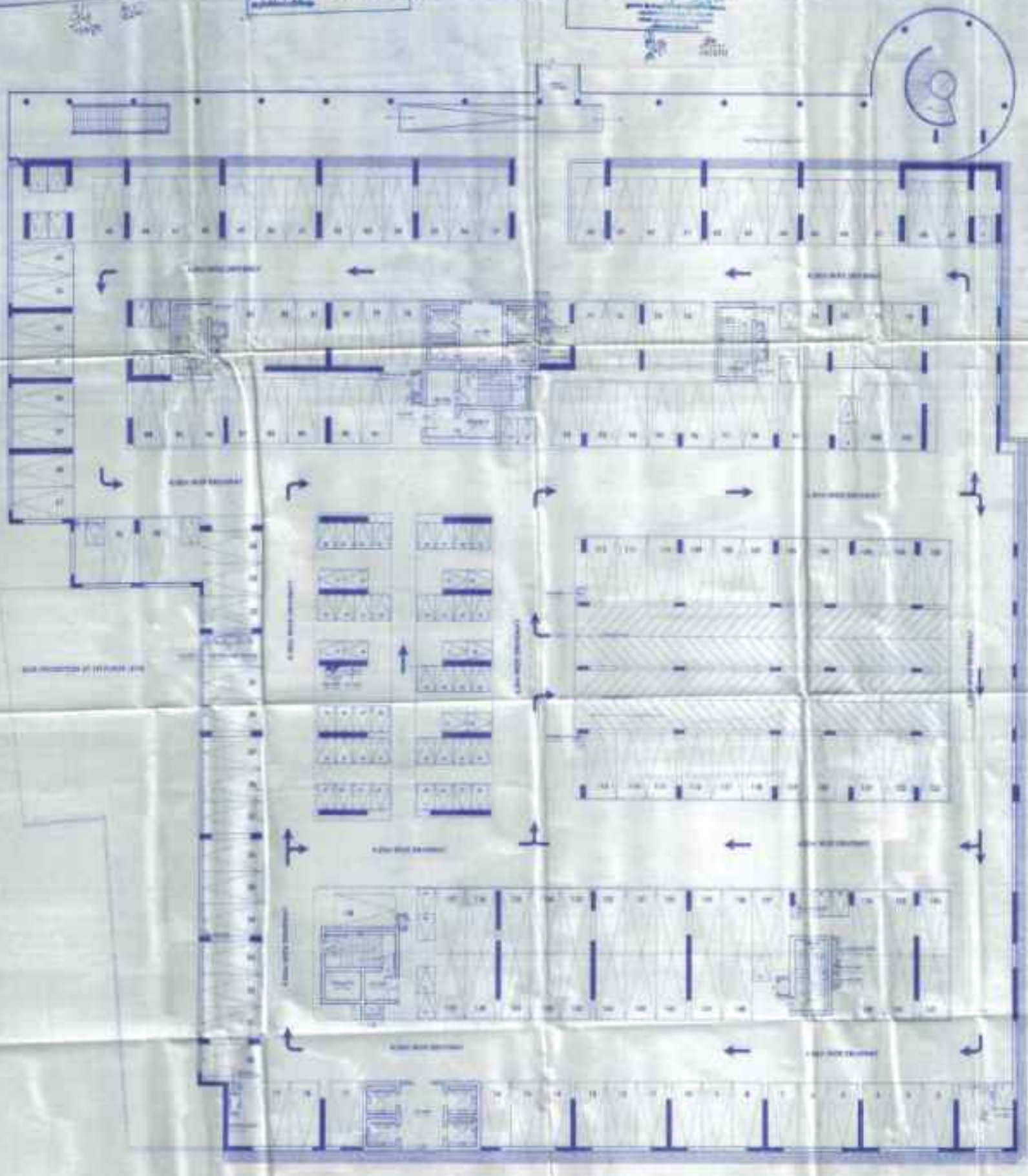
3. 22.10.2023

**GENERAL NOTES**

1. The floor is to be finished with 100 mm concrete and 150 mm brickwork.

2. The floor is to be finished with 100 mm concrete and 150 mm brickwork.

3. The floor is to be finished with 100 mm concrete and 150 mm brickwork.



SECOND FLOOR PLAN (STLT - 3)

APPROVED FOR CONSTRUCTION BY THE ARCHITECT

DATE: 20.10.2023

SCALE: 1/50

PROJECT NO: 2023/01

CLIENT: ABC COMPANY

LOCATION: XYZ STREET, ABC CITY

STRUCTURAL ENGINEER: [Signature]

DATE: 20.10.2023

SCALE: 1/50

PROJECT NO: 2023/01

CLIENT: ABC COMPANY

LOCATION: XYZ STREET, ABC CITY



# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Podupakkam Village, Chennai – 603 103.

Group : Atmospheric Pollution

Sample Name : Ambient Air

Sample Mark : Air-1

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : At Block 1

Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0

Sampling Method & Plan : IS 5182 Part 5 & Part 14

ULR : TC1231025000017441F

Report No. : HECSL/AA/017/220425

Sample ID No : HR220425017

Sampling Date : 22/04/2025

Received Date : 22/04/2025

Commenced Date : 22/04/2025

Completed On : 27/04/2025

Report Date : 27/04/2025

Sample Quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
<b>Discipline : Chemical</b>						
1	Lead	µg/m <sup>3</sup>	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m <sup>3</sup>	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m <sup>3</sup>	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene	µg/m <sup>3</sup>	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene	ng/m <sup>3</sup>	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	6.78	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/m <sup>3</sup>	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO <sub>2</sub>	µg/m <sup>3</sup>	25.91	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	13.87	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m <sup>3</sup>	41.10	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m <sup>3</sup>	22.86	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	13.05	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m<sup>3</sup>- Micrograms per cubic meter, mg/m<sup>3</sup>- Milligrams per cubic meter, ng/m<sup>3</sup>- Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

\*\*\*End of Report\*\*\*



D.Anusuya  
Lab Manager  
Authorized Signatory

**TEST REPORT**

Page : 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.

Group : Atmospheric Pollution

Sample Name : Ambient Air

Sample Mark : Air-2

Sample Reference : NA

Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.

Sample Location : At Block 2

Environmental Condition : Temperature (°C) : 29.0 | Humidity (%) : 56.0

Sampling Method &amp; Plan : IS 5182 Part 5 &amp; Part 14

ULR : TC1231025000017442F

Report No. : HECSL/AA/018/220425

Sample ID No : HR220425018

Sampling Date : 22/04/2025

Received Date : 22/04/2025

Commenced Date : 22/04/2025

Completed On : 27/04/2025

Report Date : 27/04/2025

Sample Quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
<b>Discipline : Chemical</b>						
1	Lead	µg/m <sup>3</sup>	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m <sup>3</sup>	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m <sup>3</sup>	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene	µg/m <sup>3</sup>	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene	ng/m <sup>3</sup>	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	5.23	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/ m <sup>3</sup>	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO <sub>2</sub>	µg/m <sup>3</sup>	24.61	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	12.54	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m <sup>3</sup>	49.30	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m <sup>3</sup>	23.63	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	8.49	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m<sup>3</sup>- Micrograms per cubic meter, mg/m<sup>3</sup>- Milligrams per cubic meter, ng/m<sup>3</sup>- Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

\*\*\*End of Report\*\*\*



D.Anusuya  
Lab Manager  
Authorized Signatory



**TEST REPORT**

Page : 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,

ULR : TC1231025000017445F  
Report No. : HECSL/WT/001/220425  
Sample ID No : HR220425019  
Sampling Date : 220425019Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.

Group : Water

Received Date : 22/04/2025

Sample Name : Raw Water

Commenced Date : 22/04/2025

Sample Mark : Ground Water

Completed On : 27/04/2025

Sample Reference : GW-1

Report Date : 27/04/2025

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample quantity : 2 liters

Sample Location : Club House Open Well

Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 56.0

Sampling Method &amp; Plan : IS 17614 (Part -1) : 2021

S.No.	Test Parameters	Units	Results	Test Method	IS 10500 : 2012	
					Acceptable Limits (Max)	Permissible Limits (Max)
<b>Discipline : Chemical</b>						
1	Magnesium as Mg	mg/l	6.31	IS 3025 Part 46: 1994 ( Valumetric Method using EDTA)	30	100
2	Calcium as Ca	mg/l	11.22	IS 3025 (Part 40): 1991( EDTA titrimetric method)	75	200
3	Chloride as Cl	mg/l	24.74	IS 3025 (Part 32): 1988 ( Argentometric method)	250	1000
4	Colour	Hazen units	BLQ(LOQ:1.0)	IS 3025 (Part 4): 2021	5	15
5	Odour	-	Agreeable	IS 3025 (Part 5): 2018	Agreeable	Agreeable
6	Electrical Conductivity at 25°C	µS/cm	145.0	IS 3025:(Part-14): 2013	NA	NA
7	Iron as Fe	mg/l	BLQ(LOQ:0.01)	IS 3025 (Part 53): 2003	1.0	No relaxation
8	pH @ 25°C	-	7.48	IS 3025(Part 11): 2022	6.5-8.5	No relaxation
9	Reactive silica as SiO <sub>2</sub>	mg/l	BLQ(LOQ:0.02)	IS 3025 Part 35: 1988 ( Molybdosilicate method , Heteropoly blue Method)	NA	NA
10	Lead	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 : 1994	0.01	No relaxation
11	Mercury	mg/l	BLQ (LOQ: 0.0005)	USEPA 200.8 : 1994	0.001	No relaxation
12	Phosphate as PO <sub>4</sub>	mg/l	BLQ(LOQ:0.02)	IS 3025 Part 31 Sec 1: 2022 ( Stannous Chloride method)	NA	NA

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, NTU- Nephelometric Turbidity Unit, mg/l- Milligrams per litre, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of Drinking Water Standards IS:10500:2012.

\*\*\*End of Report\*\*\*



D. Anusuya  
Lab Manager  
Authorized Signatory

# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.

Group : Pollution & Environment

Sample Name : Soil

Sample Mark : S1

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : At Block I

Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0

Sampling Method & Plan : ICARDA : 2013

ULR : TC1231025000017443F

Report No. : HECSL/SD/003/220425

Sample ID No : HR220425020

Sampling Date : 22/04/2025

Received Date : 22/04/2025

Commenced Date : 22/04/2025

Completed On : 27/04/2025

Report Date : 27/04/2025

Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
<b>Discipline : Chemical</b>				
1	pH Value @ 25 °C (1 : 2.5)	-	7.26	IS 2720 (Part 26) 1987
2	Electrical conductivity @ 25 °C (1 : 2)	µS/cm	187.0	IS 14767: 2000
3	Organic Matter	%	0.78	IS 2720 (Part 22) Section I 1972
4	Water Holding capacity	%	21.4	IS 14765: 2000
5	Available Phosphorous as P	µg/g	BLQ(LOQ 5.0)	FAO of United Nations, Rome Chapter - III 2008
6	Available Potassium	mEq/100g	9.26	FAO of United Nations, Rome Chapter - III 2008
7	Total Soluble Sulphates	mg/100g	31.41	IS 2720 Part 27 Clause 4 1977
8	Total Nitrogen as N	%	0.0154	IS 14684 Clause 4 1999
9	Copper	mg/kg	2.81	HECS-G/INS/SOP/ 042 Issue No. 01 Issue Date: 01.03.2021
10	Zinc	mg/kg	0.54	HECS-G/INS/SOP/ 042 Issue No. 01 Issue Date: 01.03.2021
11	Soil Texture	-	Sandy Loam	FAO of United Nations, Rome Chapter - III 2008

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/kg- Milligrams per kilograms, % - Percentage.  
\*\*\*End of Report\*\*\*



D. Anusuya  
Lab Manager  
Authorized Signatory

## Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in

## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS, FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.

### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,  
Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.  
Group : Pollution & Environment  
Sample Name : Soil  
Sample Mark : SI  
Sample Reference : NA  
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.  
Sample Location : At Block I  
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0  
Sampling Method & Plan : ICARDA : 2013

Report No. : HECSL/SD/003/220425/N  
Sample ID No : HR220425020  
Sampling Date : 22/04/2025  
Received Date : 22/04/2025  
Commenced Date : 22/04/2025  
Completed On : 27/04/2025  
Report Date : 27/04/2025  
Sample quantity : 2 Kg

S.No	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Manganese	mg/kg	8.79	HECS-G/NS/SOP/ 042
2	Iron	mg/kg	3.98	Inhouse method
3	Calcium Carbonate	%	0.949	IS 2720 (Part 23): 1976

Note:- mg/kg: milligram per kilogram, % - Percentage.

\*\*\*End of Report\*\*\*



D. Anusuya  
Lab Manager  
Authorized Signatory

# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,  
Address of the Client : Eden Park Township, M.R. Radha Muin Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.  
Group : Pollution & Environment  
Sample Name : Soil  
Sample Mark : S2  
Sample Reference : NA  
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.  
Sample Location : At Block 2  
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0  
Sampling Method & Plan : ICARDA : 2013

ULR : TC1231025000017444F  
Report No. : HECSL/SD/004/220425  
Sample ID No : HR220425021  
Sampling Date : 22/04/2025  
Received Date : 22/04/2025  
Commenced Date : 22/04/2025  
Completed On : 27/04/2025  
Report Date : 27/04/2025  
Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
<b>Discipline : Chemical</b>				
1	pH Value @ 25 ° C (1 : 2.5)	-	7.46	IS 2720 (Part 26) 1987
2	Electrical conductivity @ 25 ° C (1 : 2)	µS/cm	142.7	IS 14767: 2000
3	Organic Matter	%	0.78	IS 2720 (Part 22) Section I 1972
4	Water Holding capacity	%	22.1	IS 14765: 2000
5	Available Phosphorus as P	µg/g	BLQ(LOQ 5.0)	FAO of United Nations, Rome Chapter - III 2008
6	Available Potassium	mEq/100g	12.34	FAO of United Nations, Rome Chapter - III 2008
7	Total Soluble Sulphates	mg/100g	32.49	IS 2720 Part 27 Clause 4 1977
8	Total Nitrogen as N	%	0.0148	IS 14684 Clause 4 1999
9	Copper	mg/kg	1.53	HECS-G/INS/SOP/ 042 Issue No.:01 Issue Date:01.03.2021
10	Zinc	mg/kg	0.61	HECS-G/INS/SOP/ 042 Issue No.:01 Issue Date:01.03.2021
11	Soil Texture	-	Sandy Loam	FAO of United Nations, Rome Chapter - III 2008

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/kg- Milligrams per kilograms, % - Percentage.  
\*\*\*End of Report\*\*\*



D.Anusuya  
Lab Manager  
Authorized Signatory

## Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in

## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS, FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.

### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - Phase 2B.,  
Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai - 603 103.  
Group : Pollution & Environment  
Sample Name : Soil  
Sample Mark : S2  
Sample Reference : NA  
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.  
Sample Location : At Block 2  
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0  
Sampling Method & Plan : ICARDA : 2013

Report No. : HECSL/SD/004/204025/N  
Sample ID No : HR0220425021  
Sampling Date : 22/04/2025  
Received Date : 22/04/2025  
Commenced Date : 22/04/2025  
Completed On : 27/04/2025  
Report Date : 27/04/2025  
Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Manganese	mg/kg	9.26	HECS-G/INS/SOP/ 042
2	Iron	mg/kg	3.18	Inhouse method
3	Calcium Carbonate	%	1.124	IS 2720 (Part 23): 1976

Note:- mg/kg: milligram per kilogram, % - Percentage.

\*\*\*End of Report\*\*\*



D. Anusuya  
Lab Manager  
Authorized Signatory

# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.

Group : Atmospheric Pollution

Sample Name : Ambient Air

Sample Mark : Air-1

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : At Block 1

Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0

Sampling Method & Plan : IS 5182 Part 5 & Part 14

ULR : TC1231025000026540F

Report No. : HECSL/AA/009/210525

Sample ID No : HR210525009

Sampling Date : 21/05/2025

Received Date : 21/05/2025

Commenced Date : 21/05/2025

Completed On : 26/05/2025

Report Date : 26/05/2025

Sample Quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
Discipline : Chemical						
1	Lead	µg/m <sup>3</sup>	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m <sup>3</sup>	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m <sup>3</sup>	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene	µg/m <sup>3</sup>	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene	ng/m <sup>3</sup>	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH3	µg/m <sup>3</sup>	5.15	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/m <sup>3</sup>	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO2	µg/m <sup>3</sup>	26.89	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O3	µg/m <sup>3</sup>	12.44	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m <sup>3</sup>	51.90	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m <sup>3</sup>	24.63	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO2	µg/m <sup>3</sup>	8.49	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m<sup>3</sup>- Micrograms per cubic meter, mg/m<sup>3</sup>- Milligrams per cubic meter, ng/m<sup>3</sup>- Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

\*\*\*End of Report\*\*\*



D.Anusuya  
Lab Manager  
Authorized Signatory

# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.

Group : Atmospheric Pollution

Sample Name : Ambient Air

Sample Mark : Air-2

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : At Block 2

Environmental Condition : Temperature (°C) : 29.0 | Humidity (%) : 56.0

Sampling Method & Plan : IS 5182 Part 5 & Part 14

ULR : TC1231025000026541F

Report No. : HECSL/AA/010/210525

Sample ID No : HR210525010

Sampling Date : 21/05/2025

Received Date : 21/05/2025

Commenced Date : 21/05/2025

Completed On : 26/05/2025

Report Date : 26/05/2025

Sample Quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
Discipline : Chemical						
1	Lead	µg/m <sup>3</sup>	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m <sup>3</sup>	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m <sup>3</sup>	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene	µg/m <sup>3</sup>	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene	ng/m <sup>3</sup>	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH3	µg/m <sup>3</sup>	6.97	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/m <sup>3</sup>	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO2	µg/m <sup>3</sup>	26.80	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O3	µg/m <sup>3</sup>	13.54	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m <sup>3</sup>	44.39	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m <sup>3</sup>	25.61	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO2	µg/m <sup>3</sup>	13.15	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m<sup>3</sup>- Micrograms per cubic meter, mg/m<sup>3</sup>- Milligrams per cubic meter, ng/m<sup>3</sup>- Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

\*\*\*End of Report\*\*\*



D.Anusuya  
Lab Manager  
Authorized Signatory

# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - Phase 2B.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipeot IT Park, Siruseri, Pudupakkam Village, Chennai - 603 103.

Group : Water

Sample Name : Raw Water

Sample Mark : Ground Water

Sample Reference : GW-1

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : Club House Open Well

Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 56.0

Sampling Method & Plan : IS 17614 (Part -1) : 2021

ULR : TC1231025000026542F  
Report No : HECSL/WT/001/210525  
Sample ID No : HR210525011  
Sampling Date : 21/05/2025

Received Date : 21/05/2025

Commenced Date : 21/05/2025

Completed On : 26/05/2025

Report Date : 26/05/2025

Sample quantity : 2 liters

S.No.	Test Parameters	Units	Results	Test Method	IS 10500 : 2012	
					Acceptable Limits (Max)	Permissible Limits (Max)
<b>Discipline : Chemical</b>						
1	Magnesium as Mg	mg/l	4.37	IS 3025 Part 46: 1994 ( Volumetric Method using EDTA)	30	100
2	Calcium as Ca	mg/l	7.21	IS 3025 (Part 40): 1991( EDTA titrimetric method)	75	200
3	Chloride as Cl	mg/l	17.81	IS 3025 (Part 32): 1988 ( Argentometric method)	250	1000
4	Colour	Hazen units	BLQ(LOQ:1.0)	IS 3025 (Part4): 2021	5	15
5	Odour	-	Agreeable	IS 3025 (Part 5): 2018	Agreeable	Agreeable
6	Electrical Conductivity at 25°C	µS/cm	135.0	IS 3025:(Part-14): 2013	NA	NA
7	Iron as Fe	mg/l	BLQ(LOQ:0.01)	IS 3025 (Part 53): 2003	1.0	No relaxation
8	pH at 25°C	-	7.64	IS 3025(Part 11): 2022	6.5-8.5	No relaxation
9	Reactive silica as SiO <sub>2</sub>	mg/l	BLQ(LOQ:0.02)	IS 3025 Part 35: 1988 ( Molybdosilicate method , Heteropoly blue Method)	NA	NA
10	Lead	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 : 1994	0.01	No relaxation
11	Mercury	mg/l	BLQ (LOQ: 0.0005)	USEPA 200.8 : 1994	0.001	No relaxation
12	Phosphate as PO <sub>4</sub>	mg/l	BLQ(LOQ:0.02)	IS 3025 Part 31 Sec 1: 2022 ( Stannous Chloride method)	NA	NA

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, NTU- Nephelometric Turbidity Unit, mg/l- Milligrams per litre, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of Drinking Water Standards IS:10500:2012.

\*\*\*End of Report\*\*\*



D. Anusuya  
Lab Manager  
Authorized Signatory

# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.

Group : Pollution & Environment

Sample Name : Soil

Sample Mark : S1

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : At Block I

Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0

Sampling Method & Plan : ICARDA : 2013

ULR : TC1231025000026543F

Report No. : HECSL/SD/001/210525

Sample ID No : HR210525012

Sampling Date : 21/05/2025

Received Date : 21/05/2025

Commenced Date : 21/05/2025

Completed On : 26/05/2025

Report Date : 26/05/2025

Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
<b>Discipline : Chemical</b>				
1.	pH Value @ 25 °C (1 : 2.5)	-	7.64	IS 2720 (Part 26) 1987
2.	Electrical conductivity @ 25 °C (1 : 2)	µS/cm	147.8	IS 14767: 2000
3.	Organic Matter	%	0.82	IS 2720 (Part 22) Section I 1972
4.	Water Holding capacity	%	21.7	IS 14765: 2000
5.	Available Phosphorous as P	µg/g	BLQ(LOQ 5.0)	FAO of United Nations, Rome Chapter - III 2008
6.	Available Potassium	mEq/100g	12.68	FAO of United Nations, Rome Chapter - III 2008
7.	Total Soluble Sulphates	mg/100g	35.26	IS 2720 Part 27 Clause 4 1977
8.	Total Nitrogen as N	%	0.0216	IS 14684 Clause 4 1999
9.	Copper	mg/kg	1.14	HECS-G/INS/SOP/ 042 Issue No.:01 Issue Date:01.03.2021
10.	Zinc	mg/kg	0.51	HECS-G/INS/SOP/ 042 Issue No.:01 Issue Date:01.03.2021
11.	Soil Texture	-	Sandy Loam	FAO of United Nations, Rome Chapter - III 2008

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/kg- Milligrams per kilograms, % - Percentage.

\*\*\*End of Report\*\*\*



D. Anusuya  
Lab Manager  
Authorized Signatory

## Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in

## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS, FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.

### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,  
Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.  
Group : Pollution & Environment  
Sample Name : Soil  
Sample Mark : S1  
Sample Reference : NA  
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.  
Sample Location : At Block 1  
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0  
Sampling Method & Plan : ICARDA : 2013

Report No. : HECSL/SD/001/210525/N  
Sample ID No : HR210525012  
Sampling Date : 21/05/2025  
Received Date : 21/05/2025  
Commenced Date : 21/05/2025  
Completed On : 26/05/2025  
Report Date : 26/05/2025  
Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
<b>Discipline : Chemical</b>				
1	Manganese	mg/kg	7.42	HECS-G/INS/SOP/ 042
2	Iron	mg/kg	4.16	Inhouse method
3	Calcium Carbonate	%	1.249	IS 2720 (Part 23): 1976

Note:- mg/kg: milligram per kilogram, % - Percentage.

\*\*\*End of Report\*\*\*



D. Anusuya  
Lab Manager  
Authorized Signatory

# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.

Group : Pollution & Environment

Sample Name : Soil

Sample Mark : S2

Sample Reference : NA

Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.

Sample Location : At Block 2

Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0

Sampling Method & Plan : ICARDA : 2013

ULR : TC1231025000026544F

Report No. : HECSL/SD/002/210525

Sample ID No : HR210525013

Sampling Date : 22/04/2025

Received Date : 21/05/2025

Commenced Date : 21/05/2025

Completed On : 26/05/2025

Report Date : 26/05/2025

Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
<b>Discipline : Chemical</b>				
1	pH Value @ 25 °C (1 : 2.5)	-	7.34	IS 2720 (Part 26) 1987
2	Electrical conductivity @ 25 °C (1 : 2)	µS/cm	176.0	IS 14767: 2000
3	Organic Matter	%	0.83	IS 2720 (Part 22) Section I 1972
4	Water Holding capacity	%	22.5	IS 14765: 2000
5	Available Phosphorous as P	mg/g	BLQ(LOQ 5.0)	FAO of United Nations, Rome Chapter - III 2008
6	Available Potassium	mEq/100g	12.26	FAO of United Nations, Rome Chapter - III 2008
7	Total Soluble Sulphates	mg/100g	31.56	IS 2720 Part 27 Clause 4 1977
8	Total Nitrogen as N	%	0.0146	IS 14684 Clause 4 1999
9	Copper	mg/kg	2.13	HECS-G/INS/SOP/ 042 Issue No.:01 Issue Date:01.03.2021
10	Zinc	mg/kg	1.04	HECS-G/INS/SOP/ 042 Issue No.:01 Issue Date:01.03.2021
11	Soil Texture	-	Sandy Loam	FAO of United Nations, Rome Chapter - III 2008

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/kg- Milligrams per kilograms, % - Percentage.

\*\*\*End of Report\*\*\*



D.Anusuya  
Lab Manager  
Authorized Signatory

## Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in

## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS, FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.

### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - Phase 2B.,  
Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai - 603 103.  
Group : Pollution & Environment  
Sample Name : Soil  
Sample Mark : S2  
Sample Reference : NA  
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.  
Sample Location : At Block 2  
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0  
Sampling Method & Plan : ICARDA : 2013

Report No. : HECSL/SD/002/210525/N  
Sample ID No : HR210525013  
Sampling Date : 21/05/2025  
Received Date : 21/05/2025  
Commenced Date : 21/05/2025  
Completed On : 26/05/2025  
Report Date : 26/05/2025  
Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Manganese	mg/kg	9.87	HECS-G/INS/SOP/ 042
2	Iron	mg/kg	3.78	Inhouse method
3	Calcium Carbonate	%	1.164	IS 2720 (Part 23): 1976

Note:- mg/kg: milligram per kilogram, % - Percentage.

\*\*\*End of Report\*\*\*



D. Anusuya  
Lab Manager  
Authorized Signatory

# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - Phase 2B.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipeot IT Park, Siruseri, Pudupakkam Village, Chennai - 603 103.

Group : Atmospheric Pollution

Sample Name : Ambient Air

Sample Mark : Air-1

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : At Block 1

Environmental Condition : Temperature (°C) : 29.0 | Humidity (%) : 54.0

Sampling Method & Plan : IS 5182 Part 5 & Part 14

ULR : TC1231025000038450F

Report No. : HECSL/AA/019/200625

Sample ID No : HR200625019

Sampling Date : 20/06/2025

Received Date : 20/06/2025

Commenced Date : 20/06/2025

Completed On : 25/06/2025

Report Date : 25/06/2025

Sample Quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
Discipline : Chemical						
1	Lead	µg/m <sup>3</sup>	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m <sup>3</sup>	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m <sup>3</sup>	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene	µg/m <sup>3</sup>	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene	ng/m <sup>3</sup>	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH3	µg/m <sup>3</sup>	7.10	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/m <sup>3</sup>	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO2	µg/m <sup>3</sup>	24.15	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O3	µg/m <sup>3</sup>	11.69	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m <sup>3</sup>	42.30	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m <sup>3</sup>	24.97	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO2	µg/m <sup>3</sup>	9.53	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m<sup>3</sup>- Micrograms per cubic meter, mg/m<sup>3</sup>- Milligrams per cubic meter, ng/m<sup>3</sup>- Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

\*\*\*End of Report\*\*\*



D.Anusuya  
Lab Manager  
Authorized Signatory

# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - Phase 2B.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipeot IT Park, Siruseri, Pudupakkam Village, Chennai - 603 103.

Group : Atmospheric Pollution

Sample Name : Ambient Air

Sample Mark : Air-2

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : At Block 2

Environmental Condition : Temperature (°C) : 28.0 | Humidity (%) : 56.0

Sampling Method & Plan : IS 5182 Part 5 & Part 14

U.I.R : TC1231025000038451F

Report No. : HECSL/AA/020/200625

Sample ID No : HR200625020

Sampling Date : 20/06/2025

Received Date : 20/06/2025

Commenced Date : 20/06/2025

Completed On : 25/06/2025

Report Date : 25/06/2025

Sample Quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
Discipline : Chemical						
1	Lead	µg/m <sup>3</sup>	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m <sup>3</sup>	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m <sup>3</sup>	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene	µg/m <sup>3</sup>	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene	ng/m <sup>3</sup>	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	7.60	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/m <sup>3</sup>	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO <sub>2</sub>	µg/m <sup>3</sup>	23.97	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	12.61	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m <sup>3</sup>	46.84	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m <sup>3</sup>	20.19	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	11.46	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m<sup>3</sup>- Micrograms per cubic meter, mg/m<sup>3</sup>- Milligrams per cubic meter, ng/m<sup>3</sup>- Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

\*\*\*End of Report\*\*\*



D.Anusuya  
Lab Manager  
Authorized Signatory

**TEST REPORT**

Page : 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.

Group : Water

Sample Name : Raw Water

Sample Mark : Ground Water

Sample Reference : GW-1

Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.

Sample Location : Club House Open Well

Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 56.0

Sampling Method &amp; Plan : IS 17614 (Part -1) : 2021

ULR : TC1231025000038453F  
Report No. : HECSL/WT/001/200625  
Sample ID No : HR200625021  
Sampling Date : 20/06/2025

Received Date : 20/06/2025

Commenced Date: 20/06/2025

Completed On : 25/06/2025

Report Date : 25/06/2025

Sample quantity : 2 liters

S.No.	Test Parameters	Units	Results	Test Method	IS 10500 : 2012	
					Acceptable Limits (Max)	Permissible Limits (Max)
<b>Discipline : Chemical</b>						
1	Magnesium as Mg	mg/l	6.80	IS 3025 Part 46: 1994 ( Volumetric Method using EDTA)	30	100
2	Calcium as Ca	mg/l	12.82	IS 3025 (Part 40): 1991( EDTA titrimetric method)	75	200
3	Chloride as Cl	mg/l	26.72	IS 3025 (Part 32): 1988 ( Argentometric method)	250	1000
4	Colour	Hazen units	BLQ(LOQ:1.0)	IS 3025 (Part4): 2021	5	15
5	Odour	-	Agreeable	IS 3025 (Part 5): 2018	Agreeable	Agreeable
6	Electrical Conductivity at 25°C	µS/cm	152.0	IS 3025:(Part-14): 2013	NA	NA
7	Iron as Fe	mg/l	BLQ(LOQ:0.01)	IS 3025 (Part 53): 2003	1.0	No relaxation
8	pH at 25°C	-	7.81	IS 3025(Part 11): 2022	6.5-8.5	No relaxation
9	Reactive silica as SiO <sub>2</sub>	mg/l	BLQ(LOQ:0.02)	IS 3025 Part 35: 1988 ( Molybdosilicate method, Heteropoly blue Method)	NA	NA
10	Lead	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 : 1994	0.01	No relaxation
11	Mercury	mg/l	BLQ (LOQ: 0.0005)	USEPA 200.8 : 1994	0.001	No relaxation
12	Phosphate as PO <sub>4</sub>	mg/l	BLQ(LOQ:0.02)	IS 3025 Part 31 Sec 1: 2022 ( Stannous Chloride method)	NA	NA

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, NTU- Nephelometric Turbidity Unit, mg/l- Milligrams per litre, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of Drinking Water Standards IS:10500:2012.

\*\*\*End of Report\*\*\*

D.Anusuya  
Lab Manager  
Authorized Signatory

# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - Phase 2B.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai - 603 103.

Group : Pollution & Environment

Sample Name : Soil

Sample Mark : S1

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : At Block 1

Environmental Condition : Temperature (°C) : 29.0 | Humidity (%) : 55.0

Sampling Method & Plan : ICARDA : 2013

ULR : TC1231025000038454F

Report No. : HECSL/SD/001/200625

Sample ID No : HR2000625022

Sampling Date : 20/06/2025

Received Date : 20/06/2025

Commenced Date : 20/06/2025

Completed On : 25/06/2025

Report Date : 25/06/2025

Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
<b>Discipline : Chemical</b>				
1	pH Value @ 25 °C (1 : 2.5)	-	7.46	IS 2720 (Part 26) 1987
2	Electrical conductivity @ 25 °C (1 : 2)	µS/cm	164.9	IS 14767: 2000
3	Organic Matter	%	0.78	IS 2720 (Part 22) Section I 1972
4	Water Holding capacity	%	21.7	IS 14765: 2000
5	Available Phosphorous as P	µg/g	BLQ(LOQ 5.0)	FAO of United Nations, Rome Chapter - III 2008
6	Available Potassium	mEq/100g	11.8	FAO of United Nations, Rome Chapter - III 2008
7	Total Soluble Sulphates	mg/100g	36.48	IS 2720 Part 27 Clause 4 1977
8	Total Nitrogen as N	%	0.0168	IS 14684 Clause 4 1999
9	Copper	mg/kg	1.67	HECS-G/INS/SOP/ 042 Issue No.:01 Issue Date:01.03.2021
10	Zinc	mg/kg	0.59	HECS-G/INS/SOP/ 042 Issue No.:01 Issue Date:01.03.2021
11	Soil Texture	-	Sandy Loam	FAO of United Nations, Rome Chapter - III 2008

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/kg- Milligrams per kilograms, % - Percentage.

\*\*\*End of Report\*\*\*



D.Anusuya  
Lab Manager  
Authorized Signatory

## Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in

## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS, FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.

### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,  
Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipeot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.  
Group : Pollution & Environment  
Sample Name : Soil  
Sample Mark : S1  
Sample Reference : NA  
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.  
Sample Location : At Block I  
Environmental Condition : Temperature (°C) : 29.0 | Humidity (%) : 55.0  
Sampling Method & Plan : ICARDA : 2013

Report No. : HECSL/SD/001/200625/N  
Sample ID No : HR200625022  
Sampling Date : 20/06/2025  
Received Date : 20/06/2025  
Commenced Date : 20/06/2025  
Completed On : 25/06/2025  
Report Date : 25/06/2025  
Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Manganese	mg/kg	8.24	HECS-G/INS/SOP/ 042
2	Iron	mg/kg	5.26	Inhouse method
3	Calcium Carbonate	%	1.146	IS 2720 (Part 23): 1976

Note:- mg/kg: milligram per kilogram, % - Percentage.

\*\*\*End of Report\*\*\*



D.Anusuya  
Lab Manager  
Authorized Signatory

# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipeot IT Park, Siruseri, Podupakkam Village, Chennai – 603 103.

Group : Pollution & Environment

Sample Name : Soil

Sample Mark : S2

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : At Block 2

Environmental Condition : Temperature (°C) : 29.0 | Humidity (%) : 55.0

Sampling Method & Plan : ICARDA : 2013

ULR : TC1231025000038455F

Report No. : HECSL/SD/002/200625

Sample ID No : HR200625023

Sampling Date : 20/06/2025

Received Date : 20/06/2025

Commenced Date : 20/06/2025

Completed On : 25/06/2025

Report Date : 25/06/2025

Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	pH Value @ 25 °C (1 : 2.5)	-	7.40	IS 2720 (Part 26) 1987
2	Electrical conductivity @ 25 °C (1 : 2)	µS/cm	197.0	IS 14767: 2000
3	Organic Matter	%	0.86	IS 2720 (Part 22) Section I 1972
4	Water Holding capacity	%	21.9	IS 14765: 2000
5	Available Phosphorous as P	µg/g	BLQ(LOQ 5.0)	FAO of United Nations, Rome Chapter - III 2008
6	Available Potassium	mEq/100g	10.12	FAO of United Nations, Rome Chapter - III 2008
7	Total Soluble Sulphates	mg/100g	31.4	IS 2720 Part 27 Clause 4 1977
8	Total Nitrogen as N	%	0.0136	IS 14684 Clause 4 1999
9	Copper	mg/kg	2.32	HECS-G/INS/SOP/ 042 Issue No.01 Issue Date:01.03.2021
10	Zinc	mg/kg	1.19	HECS-G/INS/SOP/ 042 Issue No.01 Issue Date:01.03.2021
11	Soil Texture	-	Sandy Loam	FAO of United Nations, Rome Chapter - III 2008

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/kg- Milligrams per kilograms, % - Percentage.



D. Anusuya  
Lab Manager  
Authorized Signatory

## Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in

## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS, FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.

### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,  
Address of the Client : Edea Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.  
Group : Pollution & Environment  
Sample Name : Soil  
Sample Mark : S2  
Sample Reference : NA  
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.  
Sample Location : At Block 2  
Environmental Condition : Temperature (°C) : 29.0 | Humidity (%) : 55.0  
Sampling Method & Plan : ICARDA : 2013

Report No. : HECSL/SD/002/200625/N  
Sample ID No : HR200625023  
Sampling Date : 20/06/2025  
Received Date : 20/06/2025  
Commenced Date : 20/06/2025  
Completed On : 25/06/2025  
Report Date : 25/06/2025  
Sample quantity : 2 Kg

S.No	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Manganese	mg/kg	9.21	HECS-G/INS/SOP/ 042
2	Iron	mg/kg	3.42	Inhouse method
3	Calcium Carbonate	%	1.156	IS 2720 (Part 23): 1976

Note:- mg/kg: milligram per kilogram, % - Percentage.

\*\*\*End of Report\*\*\*



D. Anusuya  
Lab Manager  
Authorized Signatory

# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudukkalam Village, Chennai – 603 103.

Group : Atmospheric Pollution

Sample Name : Ambient Air

Sample Mark : Air-1

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : At Block 1

Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0

Sampling Method & Plan : IS 5182 Part 5 & Part 14

ULR : TC1231025000044542F

Report No. : HECSL/AA/001/250725

Sample ID No : HR250725001

Sampling Date : 25/07/2025

Received Date : 25/07/2025

Commenced Date : 25/07/2025

Completed On : 30/07/2025

Report Date : 30/07/2025

Sample Quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
Discipline : Chemical						
1	Lead	µg/m <sup>3</sup>	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m <sup>3</sup>	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m <sup>3</sup>	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene	µg/m <sup>3</sup>	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene	ng/m <sup>3</sup>	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	6.44	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/ m <sup>3</sup>	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO <sub>2</sub>	µg/m <sup>3</sup>	23.98	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	12.51	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m <sup>3</sup>	49.37	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m <sup>3</sup>	26.18	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	11.45	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m<sup>3</sup>- Micrograms per cubic meter, mg/m<sup>3</sup>- Milligrams per cubic meter, ng/m<sup>3</sup>- Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

\*\*\*End of Report\*\*\*



D.Anusuya  
Lab Manager  
Authorized Signatory

# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - Phase 2B.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai - 603 103.

Group : Atmospheric Pollution

Sample Name : Ambient Air

Sample Mark : Air-2

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : At Block 2

Environmental Condition : Temperature (°C) : 29.0 | Humidity (%) : 56.0

Sampling Method & Plan : IS 5182 Part 5 & Part 14

ULR : TC12310250000445431

Report No. : HECSL/AA/002/250725

Sample ID No : HR250725002

Sampling Date : 25/07/2025

Received Date : 25/07/2025

Commenced Date : 25/07/2025

Completed On : 30/07/2025

Report Date : 30/07/2025

Sample Quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
<b>Discipline : Chemical</b>						
1	Lead	µg/m <sup>3</sup>	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m <sup>3</sup>	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m <sup>3</sup>	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene	µg/m <sup>3</sup>	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene	ng/m <sup>3</sup>	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH3	µg/m <sup>3</sup>	8.96	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/ m <sup>3</sup>	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO2	µg/m <sup>3</sup>	22.61	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O3	µg/m <sup>3</sup>	13.97	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m <sup>3</sup>	53.86	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m <sup>3</sup>	21.11	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO2	µg/m <sup>3</sup>	13.90	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m<sup>3</sup>- Micrograms per cubic meter, mg/m<sup>3</sup>- Milligrams per cubic meter, ng/m<sup>3</sup>- Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

\*\*\*End of Report\*\*\*



D.Anusuya  
Lab Manager  
Authorized Signatory

**TEST REPORT**

Page: 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,  
Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.  
Group : Water  
Sample Name : Raw Water  
Sample Mark : Ground Water  
Sample Reference : GW-1  
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.  
Sample Location : Club House Open Well  
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 56.0  
Sampling Method & Plan : IS 17614 (Part -1) : 2021

ULR : TC1231025000044544F  
Report No. : HECSL/WT/001/250725  
Sample ID No : HR250725003  
Sampling Date : 25/07/2025  
Received Date : 25/07/2025  
Commenced Date : 25/07/2025  
Completed On : 30/07/2025  
Report Date : 30/07/2025  
Sample quantity : 2 liters

S.No.	Test Parameters	Units	Results	Test Method	IS 10500 : 2012	
					Acceptable Limits (Max)	Permissible Limits (Max)
<b>Discipline : Chemical</b>						
1	Magnesium as Mg	mg/l	4.86	IS 3025 Part 46: 1994 ( Volumetric Method using EDTA)	30	100
2	Calcium as Ca	mg/l	10.02	IS 3025 (Part 40): 1991( EDTA titrimetric method)	75	200
3	Chloride as Cl	mg/l	23.75	IS 3025 (Part 32): 1988 ( Argentometric method)	250	1000
4	Colour	Hazen units	BLQ(LOQ:1.0)	IS 3025 (Part4): 2021	5	15
5	Odour	-	Agreeable	IS 3025 (Part 5): 2018	Agreeable	Agreeable
6	Electrical Conductivity at 25°C	µS/cm	140.0	IS 3025:(Part-14): 2013	NA	NA
7	Iron as Fe	mg/l	BLQ(LOQ:0.01)	IS 3025 (Part 53): 2003	1.0	No relaxation
8	pH at 25°C	-	7.34	IS 3025(Part 11): 2022	6.5-8.5	No relaxation
9	Reactive silica as SiO <sub>2</sub>	mg/l	BLQ(LOQ:0.02)	IS 3025 Part 35: 1988 ( Molybdosilicate method , Heteropoly blue Method)	NA	NA
10	Lead	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 : 1994	0.01	No relaxation
11	Mercury	mg/l	BLQ (LOQ: 0.0005)	USEPA 200.8 : 1994	0.001	No relaxation
12	Phosphate as PO <sub>4</sub>	mg/l	BLQ(LOQ:0.02)	IS 3025 Part 31 Sec 1: 2022 ( Stannous Chloride method)	NA	NA

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, NTU- Nephelometric Turbidity Unit, mg/l- Milligrams per litre, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of Drinking Water Standards IS:10500:2012.

\*\*\*End of Report\*\*\*

D.Anusuya  
Lab Manager  
Authorized Signatory



# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,  
Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipeot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.  
Group : Pollution & Environment  
Sample Name : Soil  
Sample Mark : S1  
Sample Reference : NA  
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.  
Sample Location : At Block 1  
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0  
Sampling Method & Plan : ICARDA : 2013

ULR : TC12310250000445451  
Report No. : HECSL/SD/001/2507255  
Sample ID No : HR250725004  
Sampling Date : 25/07/2025  
Received Date : 25/07/2025  
Commenced Date : 25/07/2025  
Completed On : 30/07/2025  
Report Date : 30/07/2025  
Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
<b>Discipline : Chemical</b>				
1	pH Value @ 25 °C (1 : 2.5)	-	7.92	IS 2720 (Part 26) 1987
2	Electrical conductivity @ 25 °C (1 : 2)	µS/cm	187.0	IS 14767: 2000
3	Organic Matter	%	0.74	IS 2720 (Part 22) Section I 1972
4	Water Holding capacity	%	22.5	IS 14765: 2000
5	Available Phosphorous as P	µg/g	BLQ(LOQ 5.0)	FAO of United Nations, Rome Chapter - III 2008
6	Available Potassium	mEq/100g	10.67	FAO of United Nations, Rome Chapter - III 2008
7	Total Soluble Sulphates	mg/100g	29.46	IS 2720 Part 27 Clause 4 1977
8	Total Nitrogen as N	%	0.0146	IS 14684 Clause 4 1999
9	Copper	mg/kg	1.61	HECS-G/INS/SOP/ 042 Issue No. .01 Issue Date:01.03.2021
10	Zinc	mg/kg	0.34	HECS-G/INS/SOP/ 042 Issue No. .01 Issue Date:01.03.2021
11	Soil Texture	-	Sandy Loam	FAO of United Nations, Rome Chapter - III 2008

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/kg- Milligrams per kilograms, % - Percentage.  
\*\*\*End of Report\*\*\*



D.Anusuya  
Lab Manager  
Authorized Signatory

## Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in

## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS, FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.

### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - Phase 2B.,  
Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Sruseri, Pudupakkam Village, Chennai - 603 103.  
Group : Pollution & Environment  
Sample Name : Soil  
Sample Mark : S1  
Sample Reference : NA  
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.  
Sample Location : At Block 1  
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0  
Sampling Method & Plan : ICARDA : 2013

Report No. : HECSL/SD/001/250725/N  
Sample ID No : HR250725004  
Sampling Date : 25/07/2025  
Received Date : 25/07/2025  
Commenced Date : 25/07/2025  
Completed On : 30/07/2025  
Report Date : 30/07/2025  
Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Manganese	mg/kg	7.28	HECS-G/INS/SOP/ 042
2	Iron	mg/kg	5.76	Inhouse method
3	Calcium Carbonate	%	0.126	IS 2720 (Part 23): 1976

Note:- mg/kg: milligram per kilogram, % - Percentage.

\*\*\*End of Report\*\*\*



D. Anusuya  
Lab Manager  
Authorized Signatory

# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.

Group : Pollution & Environment

Sample Name : Soil

Sample Mark : S2

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : At Block 2

Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0

Sampling Method & Plan : ICARDA : 2013

ULR : TC1231025000044546F

Report No. : HECSL/SD/002/200625

Sample ID No : HR250725005

Sampling Date : 25/07/2025

Received Date : 25/07/2025

Commenced Date : 25/07/2025

Completed On : 30/07/2025

Report Date : 30/07/2025

Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
<b>Discipline : Chemical</b>				
1	pH Value @ 25 °C (1 : 2.5)	-	7.42	IS 2720 (Part 26) 1987
2	Electrical conductivity @ 25 °C (1 : 2)	µS/cm	194.0	IS 14767: 2000
3	Organic Matter	%	0.79	IS 2720 (Part 22) Section I 1972
4	Water Holding capacity	%	21.6	IS 14765: 2000
5	Available Phosphorous as P	µg/g	BLQ(LOQ 5.0)	FAO of United Nations, Rome Chapter - III 2008
6	Available Potassium	mEq/100g	12.76	FAO of United Nations, Rome Chapter - III 2008
7	Total Soluble Sulphates	mg/100g	33.78	IS 2720 Part 27 Clause 4 1977
8	Total Nitrogen as N	%	0.0146	IS 14684 Clause 4 1999
9	Copper	mg/kg	1.05	HECS-G/INS/SOP/ 042 Issue No.:01 Issue Date:01.03.2021
10	Zinc	mg/kg	1.98	HECS-G/INS/SOP/ 042 Issue No.:01 Issue Date:01.03.2021
11	Soil Texture	-	Sandy Loam	FAO of United Nations, Rome Chapter - III 2008

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/kg- Milligrams per kilograms, % - Percentage.  
\*\*\*End of Report\*\*\*



D.Anusuya  
Lab Manager  
Authorized Signatory

## Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in

## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS, FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.

### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - Phase 2B.,  
Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai - 603 103.  
Group : Pollution & Environment  
Sample Name : Soil  
Sample Mark : S2  
Sample Reference : NA  
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.  
Sample Location : At Block 2  
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0  
Sampling Method & Plan : ICARDA : 2013

Report No. : HECSL/SD/002/250725/N  
Sample ID No : HR250725005  
Sampling Date : 25/07/2025  
Received Date : 25/07/2025  
Commenced Date : 25/07/2025  
Completed On : 30/07/2025  
Report Date : 30/07/2025  
Sample quantity : 2 Kg

S.No	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Manganese	mg/kg	6.27	HECS-G/INS/SOP/ 042
2	Iron	mg/kg	5.18	Inhouse method
3	Calcium Carbonate	%	1.326	IS 2720 (Part 23): 1976

Note:- mg/kg: milligram per kilogram, % - Percentage.

\*\*\*End of Report\*\*\*



D. Anusuya  
Lab Manager  
Authorized Signatory

# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.

Group : Atmospheric Pollution

Sample Name : Ambient Air

Sample Mark : Air-1

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : At Block 1

Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0

Sampling Method & Plan : IS 5182 Part 5 & Part 14

ULR : TC1231025000054452F

Report No : HECSL/AA/001/210825

Sample ID No : HR210825001

Sampling Date : 21/08/2025

Received Date : 21/08/2025

Commenced Date : 21/08/2025

Completed On : 26/08/2025

Report Date : 26/08/2025

Sample Quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
<b>Discipline : Chemical</b>						
1	Lead	µg/m <sup>3</sup>	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m <sup>3</sup>	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m <sup>3</sup>	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene	µg/m <sup>3</sup>	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene	ng/m <sup>3</sup>	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	8.30	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/m <sup>3</sup>	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO <sub>2</sub>	µg/m <sup>3</sup>	22.75	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	10.59	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m <sup>3</sup>	42.32	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m <sup>3</sup>	19.75	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	10.21	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m<sup>3</sup>- Micrograms per cubic meter, mg/m<sup>3</sup>- Milligrams per cubic meter, ng/m<sup>3</sup>- Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

\*\*\*End of Report\*\*\*



D.Anusuya  
Lab Manager  
Authorized Signatory

# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - Phase 2B.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai - 603 103.

Group : Atmospheric Pollution

Sample Name : Ambient Air

Sample Mark : Air-2

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : At Block 2

Environmental Condition : Temperature (°C) : 29.0 | Humidity (%) : 56.0

Sampling Method & Plan : IS 5182 Part 5 & Part 14

ULR : TC1231025000054453F  
Report No. : HECSL/AA/002/210825  
Sample ID No : HR210825002  
Sampling Date : 21/08/2025

Received Date : 21/08/2025

Commenced Date : 21/08/2025

Completed On : 26/08/2025

Report Date : 26/08/2025

Sample Quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
<b>Discipline : Chemical</b>						
1	Lead	µg/m <sup>3</sup>	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m <sup>3</sup>	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m <sup>3</sup>	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene	µg/m <sup>3</sup>	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene	ng/m <sup>3</sup>	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	6.36	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/ m <sup>3</sup>	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO <sub>2</sub>	µg/m <sup>3</sup>	19.63	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	12.97	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m <sup>3</sup>	48.29	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m <sup>3</sup>	21.14	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	13.60	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m<sup>3</sup>- Micrograms per cubic meter, mg/m<sup>3</sup>- Milligrams per cubic meter, ng/m<sup>3</sup>- Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

\*\*\*End of Report\*\*\*



D. Anusuya  
Lab Manager  
Authorized Signatory

# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - Phase 2B.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai - 603 103.

Group : Water

Sample Name : Raw Water

Sample Mark : Ground Water

Sample Reference : GW-1

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : Club House Open Well

Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 56.0

Sampling Method & Plan : IS 17614 (Part-1) : 2021

ULR : TC1231025000054454F  
Report No. : HECSL/WT/001/210825  
Sample ID No : HR210825003  
Sampling Date : 21/08/2025

Received Date : 21/08/2025

Commenced Date : 21/08/2025

Completed On : 26/08/2025

Report Date : 26/08/2025

Sample quantity : 2 liters

S.No.	Test Parameters	Units	Results	Test Method	IS 10500 : 2012	
					Acceptable Limits (Max)	Permissible Limits (Max)
Discipline : Chemical						
1	Magnesium as Mg	mg/l	5.34	IS 3025 Part 46: 1994 ( Volumetric Method using EDTA)	30	100
2	Calcium as Ca	mg/l	11.22	IS 3025 (Part 40): 1991( EDTA titrimetric method)	75	200
3	Chloride as Cl	mg/l	28.70	IS 3025 (Part 32): 1988 ( Argentometric method)	250	1000
4	Colour	Hazen units	BLQ(LOQ:1.0)	IS 3025 (Part4): 2021	5	15
5	Odour	-	Agreeable	IS 3025 (Part 5): 2018	Agreeable	Agreeable
6	Electrical Conductivity at 25°C	µS/cm	158.0	IS 3025:(Part-14): 2013	NA	NA
7	Iron as Fe	mg/l	BLQ(LOQ:0.01)	IS 3025 (Part 53): 2003	1.0	No relaxation
8	pH at 25°C	-	7.44	IS 3025(Part 11): 2022	6.5-8.5	No relaxation
9	Reactive silica as SiO <sub>2</sub>	mg/l	BLQ(LOQ:0.02)	IS 3025 Part 35: 1988 ( Molybdosilicate method , Heteropoly blue Method)	NA	NA
10	Lead	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 : 1994	0.01	No relaxation
11	Mercury	mg/l	BLQ (LOQ: 0.0005)	USEPA 200.8 : 1994	0.001	No relaxation
12	Phosphate as PO <sub>4</sub>	mg/l	BLQ(LOQ:0.02)	IS 3025 Part 31 Sec 1: 2022 ( Stannous Chloride method)	NA	NA

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, NTU- Nephelometric Turbidity Unit, mg/l- Milligrams per litre, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of Drinking Water Standards IS:10500:2012.

\*\*\*End of Report\*\*\*

D.Anusuya  
Lab Manager  
Authorized Signatory



# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.

Group : Pollution & Environment

Sample Name : Soil

Sample Mark : S1

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : At Block 1

Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0

Sampling Method & Plan : ICARDA : 2013

ULR : TC1231025000054455F

Report No. : HECSL/SD/001/210825

Sample ID No : HR210825004

Sampling Date : 21/08/2025

Received Date : 21/08/2025

Commenced Date : 21/08/2025

Completed On : 26/08/2025

Report Date : 26/08/2025

Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
<b>Discipline : Chemical</b>				
1	pH Value @ 25 °C (1 : 2.5)	-	7.72	IS 2720 (Part 26) 1987
2	Electrical conductivity @ 25 °C (1 : 2)	µS/cm	162.0	IS 14767: 2000
3	Organic Matter	%	0.67	IS 2720 (Part 22) Section I 1972
4	Water Holding capacity	%	22.6	IS 14765: 2000
5	Available Phosphorous as P	µg/g	BLQ(LOQ 5.0)	FAO of United Nations, Rome Chapter - III 2008
6	Available Potassium	mEq/100g	13.6	FAO of United Nations, Rome Chapter - III 2008
7	Total Soluble Sulphates	mg/100g	31.46	IS 2720 Part 27 Clause 4 1977
8	Total Nitrogen as N	%	0.0142	IS 14684 Clause 4 1999
9	Copper	mg/kg	2.17	HECS-G/INS/SOP/ 042 Issue No.:01 Issue Date:01.03.2021
10	Zinc	mg/kg	1.03	HECS-G/INS/SOP/ 042 Issue No.:01 Issue Date:01.03.2021
11	Soil Texture	-	Sandy Loam	FAO of United Nations, Rome Chapter - III 2008

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/kg- Milligrams per kilograms, % - Percentage.  
\*\*\*End of Report\*\*\*



D.Anusuya  
Lab Manager  
Authorized Signatory

## Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in

## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS, FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.

### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,  
Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudukkham Village, Chennai – 603 103.  
Group : Pollution & Environment  
Sample Name : Soil  
Sample Mark : S1  
Sample Reference : NA  
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.  
Sample Location : At Block 1  
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0  
Sampling Method & Plan : ICARDA : 2013

Report No. : HECSL/SD/001/210825/N  
Sample ID No : HR210825004  
Sampling Date : 21/08/2025  
Received Date : 21/08/2025  
Commenced Date : 21/08/2025  
Completed On : 26/08/2025  
Report Date : 26/08/2025  
Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
<b>Discipline : Chemical</b>				
1	Manganese	mg/kg	9.63	HECS-G/INS/SOP/ 042
2	Iron	mg/kg	4.16	Inhouse method
3	Calcium Carbonate	%	1.256	IS 2720 (Part 23): 1976

Note:- mg/kg: milligram per kilogram, % - Percentage.

\*\*\*End of Report\*\*\*



D.Anusuya  
Lab Manager  
Authorized Signatory

# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.

Group : Pollution & Environment

Sample Name : Soil

Sample Mark : S2

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : At Block 2

Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0

Sampling Method & Plan : ICARDA : 2013

ULR : TC1231025000054457F

Report No. : HECSL/SD/002/210825

Sample ID No : HR210825005

Sampling Date : 21/08/2025

Received Date : 21/08/2025

Commenced Date : 21/08/2025

Completed On : 26/08/2025

Report Date : 26/08/2025

Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	pH Value @ 25 °C (1 : 2.5)	-	7.46	IS 2720 (Part 26) 1987
2	Electrical conductivity @ 25 °C (1 : 2)	µS/cm	164.7	IS 14767: 2000
3	Organic Matter	%	0.72	IS 2720 (Part 22) Section I 1972
4	Water Holding capacity	%	22.6	IS 14765: 2000
5	Available Phosphorous as P	µg/g	BLQ(LOQ 5.0)	FAO of United Nations, Rome Chapter - III 2008
6	Available Potassium	ml/g/100g	12.62	FAO of United Nations, Rome Chapter - III 2008
7	Total Soluble Sulphates	mg/100g	36.42	IS 2720 Part 27 Clause 4 1977
8	Total Nitrogen as N	%	0.0178	IS 14684 Clause 4 1999
9	Copper	mg/kg	1.54	HECS-G/INS/SOP/ 042 Issue No. 01 Issue Date: 01.03.2021
10	Zinc	mg/kg	0.29	HECS-G/INS/SOP/ 042 Issue No. 01 Issue Date: 01.03.2021
11	Soil Texture	-	Sandy Loam	FAO of United Nations, Rome Chapter - III 2008

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/kg- Milligrams per kilograms, % - Percentage.  
\*\*\*End of Report\*\*\*



D. Anusuya  
Lab Manager  
Authorized Signatory

## Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in

## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS, FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.

### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,  
Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.  
Group : Pollution & Environment  
Sample Name : Soil  
Sample Mark : S2  
Sample Reference : NA  
Sample Drawn By : M/s.Hubert Enviro care Systems (P) Ltd.  
Sample Location : At Block 2  
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0  
Sampling Method & Plan : ICARDA : 2013

Report No. : HECSL/SD/002/210825/N  
Sample ID No. : HR210825005  
Sampling Date : 21/08/2025  
Received Date : 21/08/2025  
Commenced Date : 21/08/2025  
Completed On : 26/08/2025  
Report Date : 26/08/2025  
Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Manganese	mg/kg	8.71	HECS-G/INS/SOP/ 042
2	Iron	mg/kg	3.78	Inhouse method
3	Calcium Carbonate	%	1.148	IS 2720 (Part 23): 1976

Note:- mg/kg: milligram per kilogram, % - Percentage.

\*\*\*End of Report\*\*\*



D.Anusuya  
Lab Manager  
Authorized Signatory

# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Podupakkam Village, Chennai – 603 103.

Group : Atmospheric Pollution

Sample Name : Ambient Air

Sample Mark : Air-1

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : At Block 1

Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0

Sampling Method & Plan : IS 5182 Part 5 & Part 14

ULR : TC1231025000063452F

Report No. : HECSL/AA/001/100925

Sample ID No : HR100925001

Sampling Date : 10/09/2025

Received Date : 10/09/2025

Commenced Date : 10/09/2025

Completed On : 15/09/2025

Report Date : 15/09/2025

Sample Quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
Discipline : Chemical						
1	Lead	µg/m <sup>3</sup>	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m <sup>3</sup>	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m <sup>3</sup>	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene	µg/m <sup>3</sup>	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene	ng/m <sup>3</sup>	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	5.93	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/m <sup>3</sup>	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO <sub>2</sub>	µg/m <sup>3</sup>	22.75	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	13.90	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m <sup>3</sup>	42.54	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m <sup>3</sup>	25.86	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	13.30	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m<sup>3</sup>- Micrograms per cubic meter, mg/m<sup>3</sup>- Milligrams per cubic meter, ng/m<sup>3</sup>- Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

\*\*\*End of Report\*\*\*



D. Anusuya  
Lab Manager  
Authorized Signatory

# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - Phase 2B.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai - 603 103.

Group : Atmospheric Pollution

Sample Name : Ambient Air

Sample Mark : Air-2

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : At Block 2

Environmental Condition : Temperature (°C) : 29.0 | Humidity (%) : 56.0

Sampling Method & Plan : IS 5182 Part 5 & Part 14

ULR : TC1231025000063453F  
Report No. : HECSL/AA/002/210825  
Sample ID No : HR100925002  
Sampling Date : 10/09/2025

Received Date : 10/09/2025

Commenced Date : 10/09/2025

Completed On : 15/09/2025

Report Date : 15/09/2025

Sample Quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
Discipline : Chemical						
1	Lead	µg/m <sup>3</sup>	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	ng/m <sup>3</sup>	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m <sup>3</sup>	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene	µg/m <sup>3</sup>	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene	ng/m <sup>3</sup>	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	8.61	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/m <sup>3</sup>	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxides as NO <sub>2</sub>	µg/m <sup>3</sup>	22.87	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	10.19	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m <sup>3</sup>	47.30	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m <sup>3</sup>	18.98	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	12.63	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m<sup>3</sup>- Micrograms per cubic meter, mg/m<sup>3</sup>- Milligrams per cubic meter, ng/m<sup>3</sup>- Nanograms per cubic meter.

Remarks: The Tested Parameters as above are within the Limits of NAAQ Standards 2009.

\*\*\*End of Report\*\*\*



D.Anusuya  
Lab Manager  
Authorized Signatory

# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page: 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,  
Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.  
Group : Water  
Sample Name : Raw Water  
Sample Mark : Ground Water  
Sample Reference : GW-1  
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.  
Sample Location : Club House Open Well  
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 56.0  
Sampling Method & Plan : IS 17614 (Part -1) : 2021

ULR : TC1231025000063454F  
Report No : HECSL/WT/001/100925  
Sample ID No : HR100925003  
Sampling Date : 10/09/2025

Received Date : 10/09/2025  
Commenced Date : 10/09/2025  
Completed On : 15/09/2025  
Report Date : 15/09/2025  
Sample quantity : 2 liters

S.No.	Test Parameters	Units	Results	Test Method	IS 10500 : 2012	
					Acceptable Limits (Max)	Permissible Limits (Max)
<b>Discipline : Chemical</b>						
1	Magnesium as Mg	mg/l	4.37	IS 3025 Part 46: 1994 ( Volumetric Method using EDTA)	30	100
2	Calcium as Ca	mg/l	11.38	IS 3025 (Part 40): 1991( EDTA titrimetric method)	75	200
3	Chloride as Cl	mg/l	21.77	IS 3025 (Part 32): 1988 ( Argentometric method)	250	1000
4	Colour	Hazen units	BLQ(LOQ:1.0)	IS 3025 (Part 4): 2021	5	15
5	Odour	-	Agreeable	IS 3025 (Part 5): 2018	Agreeable	Agreeable
6	Electrical Conductivity at 25°C	µS/cm	134.0	IS 3025:(Part-14): 2013	NA	NA
7	Iron as Fe	mg/l	BLQ(LOQ:0.01)	IS 3025 (Part 53): 2003	1.0	No relaxation
8	pH at 25°C	-	7.12	IS 3025(Part 11): 2022	6.5-8.5	No relaxation
9	Reactive silica as SiO2	mg/l	BLQ(LOQ:0.02)	IS 3025 Part 35: 1988 ( Molybdosilicate method , Heteropoly blue Method)	NA	NA
10	Lead	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 : 1994	0.01	No relaxation
11	Mercury	mg/l	BLQ (LOQ: 0.0005)	USEPA 200.8 : 1994	0.001	No relaxation
12	Phosphate as PO4	mg/l	BLQ(LOQ:0.02)	IS 3025 Part 31 Sec 1: 2022 ( Stannous Chloride method)	NA	NA

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, NTU- Nephelometric Turbidity Unit, mg/l- Milligrams per litre, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of Drinking Water Standards IS:10500:2012.

\*\*\*End of Report\*\*\*



D. Anusuya  
Lab Manager  
Authorized Signatory

# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - Phase 2B.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pndupakkam Village, Chennai - 603 103.

Group : Pollution & Environment

Sample Name : Soil

Sample Mark : S1

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : At Block 1

Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0

Sampling Method & Plan : ICARDA : 2013

ULR : TC1231025000063455F

Report No. : HECSL/SD/001/100925

Sample ID No : HR100925004

Sampling Date : 10/09/2025

Received Date : 10/09/2025

Commenced Date : 10/09/2025

Completed On : 15/09/2025

Report Date : 15/09/2025

Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	pH Value @ 25 °C (1 : 2.5)	-	7.48	IS 2720 (Part 26) 1987
2	Electrical conductivity @ 25 °C (1 : 2)	µS/cm	167.7	IS 14767: 2000
3	Organic Matter	%	0.78	IS 2720 (Part 22) Section I 1972
4	Water Holding capacity	%	20.8	IS 14765: 2000
5	Available Phosphorous as P	µg/g	BLQ(LOQ 5.0)	FAO of United Nations, Rome Chapter - III 2008
6	Available Potassium	mEq/100g	12.55	FAO of United Nations, Rome Chapter - III 2008
7	Total Soluble Sulphates	mg/100g	31.96	IS 2720 Part 27 Clause 4 1977
8	Total Nitrogen as N	%	0.0156	IS 14684 Clause 4 1999
9	Copper	mg/kg	1.75	HECS-G/INS/SOP/ 042 Issue No :01 Issue Date:01.03.2021
10	Zinc	mg/kg	0.54	HECS-G/INS/SOP/ 042 Issue No :01 Issue Date:01.03.2021
11	Soil Texture	-	Sandy Loam	FAO of United Nations, Rome Chapter - III 2008

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/kg- Milligrams per kilograms, % - Percentage.  
\*\*\*End of Report\*\*\*



D.Anusuya  
Lab Manager  
Authorized Signatory

## Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in

## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS, FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.

### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya – Phase 2B.,  
Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 603 103.  
Group : Pollution & Environment  
Sample Name : Soil  
Sample Mark : SI  
Sample Reference : NA  
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.  
Sample Location : At Block I  
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0  
Sampling Method & Plan : ICARDA : 2013

Report No. : HECSL/SD/001/100925/N  
Sample ID No. : HR100925004  
Sampling Date : 10/09/2025  
Received Date : 10/09/2025  
Commenced Date : 10/09/2025  
Completed On : 15/09/2025  
Report Date : 15/09/2025  
Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Manganese	mg/kg	7.29	HECS-G/INS/SOP/ 042
2	Iron	mg/kg	3.48	Inhouse method
3	Calcium Carbonate	%	1.142	IS 2720 (Part 23): 1976

Note:- mg/kg: milligram per kilogram, % - Percentage.

\*\*\*End of Report\*\*\*



D. Anusuya  
Lab Manager  
Authorized Signatory

# Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in



## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.



### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - Phase 2B.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai - 603 103.

Group : Pollution & Environment

Sample Name : Soil

Sample Mark : S2

Sample Reference : NA

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location : At Block 2

Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0

Sampling Method & Plan : ICARDA : 2013

ULR : TC1231025000063456F

Report No. : HECSL/SD/002/100925

Sample ID No : HR100925005

Sampling Date : 10/09/2025

Received Date : 10/09/2025

Commenced Date : 10/09/2025

Completed On : 15/09/2025

Report Date : 15/09/2025

Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
<b>Discipline : Chemical</b>				
1	pH Value @ 25 °C (1 : 2.5)	-	7.62	IS 2720 (Part 26) 1987
2	Electrical conductivity @ 25 °C (1 : 2)	µS/cm	196.0	IS 14767: 2000
3	Organic Matter	%	0.72	IS 2720 (Part 22) Section I 1972
4	Water Holding capacity	%	21.6	IS 14765: 2000
5	Available Phosphorous as P	µg/g	BLQ(LOQ 5.0)	FAO of United Nations, Rome Chapter - III 2008
6	Available Potassium	mEq/100g	12.48	FAO of United Nations, Rome Chapter - III 2008
7	Total Soluble Sulphates	mg/100g	33.19	IS 2720 Part 27 Clause 4 1977
8	Total Nitrogen as N	%	0.0168	IS 14684 Clause 4 1999
9	Copper	mg/kg	1.52	HECS-G/INS/SOP/ 042 Issue No.01 Issue Date:01.03.2021
10	Zinc	mg/kg	0.27	HECS-G/INS/SOP/ 042 Issue No.01 Issue Date:01.03.2021
11	Soil Texture	-	Sandy Loam	FAO of United Nations, Rome Chapter - III 2008

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/kg- Milligrams per kilograms, % - Percentage.

\*\*\*End of Report\*\*\*



D.Anusuya  
Lab Manager  
Authorized Signatory

## Hubert Enviro Care Systems (P) Ltd.

A-21, III Phase, Thiru Vi Ka Industrial Estate,  
Guindy, Chennai - 600 032.  
Ph: 42985555 / 43635555 Fax : 42985500  
E-mail : labsales@hecs.in

## Laboratory Services Division

(Chemical & Biological Testing)  
Recognized by CPCB (MoEF & CC)  
BIS, FSSAI Notified Laboratory  
ISO 9001, 14001 & 45001 Certified.

### TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya - Phase 2B.,  
Address of the Client : Eden Park Township, M.R. Radha Main Road,  
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai - 603 103.  
Group : Pollution & Environment  
Sample Name : Soil  
Sample Mark : S2  
Sample Reference : NA  
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.  
Sample Location : At Block 2  
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0  
Sampling Method & Plan : ICARDA : 2013

Report No. : HECSL/SD/002/100925/N  
Sample ID No : HR100925005  
Sampling Date : 10/09/2025  
Received Date : 10/09/2025  
Commenced Date : 10/09/2025  
Completed On : 15/09/2025  
Report Date : 15/09/2025  
Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Manganese	mg/kg	6.25	HECS-G/INS/SOP/ 042
2	Iron	mg/kg	3.62	Inhouse method
3	Calcium Carbonate	%	1.1276	IS 2720 (Part 23): 1976

Note:- mg/kg: milligram per kilogram, % - Percentage.

\*\*\*End of Report\*\*\*



D. Anusuya  
Lab Manager  
Authorized Signatory

அனுப்புநர்  
ச.சந்திரசேகரன், பி.டெக்.,  
உறுப்பினர் செயலர்(பொ)  
மாமல்லபுரம் உள்ளூர் திட்டக் குழுமம்,  
13, வரதராசனார் தெரு,  
வேதாசலம்நகர், செங்கல்பட்டு  
msmmlpa@gmail.com

பெறுநர்  
M/s.L & T South City Projects Ltd  
Mount Poonamallee Road,  
Manapakkam, Post Box No. 979  
Chennai - 89

ந.க.எண்.539/2011/மாஉதிசு, நாள்.09.09.2011

அய்யா,

பொருள் நிலையோக சான்று - மாமல்லபுரம் உள்ளூர் திட்டக் குழுமம் - காஞ்சிபுரம் மாவட்டம், செங்கல்பட்டுவட்டம், சிறுசேரி கிராமம் - சர்வே எண்கள்.117/1B, 2B, 123, 127/1, 2, 3, 128/1, 10, 11, 12, 13, 14, 128/2, 3, 4, 5, 6, 7, 8, 9, 129/1, 2A, 2B, 3, 4, 5, 6, 7, 8, 130/10, 11, 12, 13, 14, 15B, 16, 17A1B, 17A2, 17B1, 17B2, 17B3, 18, 19, 1A, 1B, 20, 21A, 25, 132/1A, 1B, 3, 133, 134/1A1, 1A2, 1B, 1C, 1D, 2A, 2B, 135/1, 2, 136/1, 2, 3, 4, 5, 6A, 6B, 6C, 7, 137/1, 2, 138/1, 2A, 2B1, 2B2, 3, 4, 5A, 5B, 139/10, 2Dpt, 3, 4pt, 5, 6, 7, 8, 9, 150/1B, 151/3, 153/1, 2A, 2B, 3, 4, 5, 6, 154/1, 2, 155/1, 2, 156/10B, 11, 2, 3, 4A, 4B, 5B, 6, 8A, 9B1A, 9B1B, 9B2, 157/1, 2, 3, 4, 5, 6, 7A, 7B, 7C, 7D, 7E, 158/1, 2, 159/10A, 10B1, 10B2, 11, 12, 1A, 1B, 2, 3, 4A, 4B, 5, 6, 7, 8, 9, 160/1, 2A1, 2A2, 2B, 3, 4A, 4B, 4C, 5A, 5B, 6, 7, 161, 162, 163/1A, 1B, 2, 3, 4A, 4B, 5, 6, 164/2, 3, 166/4, 6, 7, 8, 167/1A, 1B, 2, 168/1A, 1B, 2, 229/3, 237/2B, 3A, 3B, 5A2, 5B2, 6A2, 6B1B, 6B2B, 7A1A, 7A2 மற்றும் புதுப்பாக்கம் கிராமம், சர்வே எண்கள். 90/2, 3A1A, 3A1B, 95/13, 142/2pt, 434 ஆகியவற்றிற்கு நிலையோகச் சான்று கோரியது - குறித்து.

பார்வை மனுதாரர் M/s.L & T South City Project Ltd அவர்களின் கடிதம் நாள். 30.09.11

\*\*\*\*\*

காஞ்சிபுரம் மாவட்டம், செங்கல்பட்டுவட்டம், சிறுசேரி கிராமம், சர்வே எண்கள்.117, 123, 127, 128, 129, 130, 132, 133, 134, 135, 136, 137, 138, 139, 150, 151, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 166, 167, 168, 229, 237 மற்றும் புதுப்பாக்கம் கிராமம், சர்வே எண்கள். 90, 95, 142 ஆகிய இடமானது மறு இணக்கம் அளிக்கப்பட்ட மாமல்லபுரம் முழுமைத் திட்டத்தின்படி நகர்மயமாடல் பகுதியில் (Urbanisable Use Zone)வகைப்படுத்தப்பட்டுள்ளது என கீழ்க்கண்ட நிபந்தனைகளுடன் தெரிவிக்கப்படுகிறது.

நிபந்தனைகள்.

1. இச்சான்றிதழ் இத்துறையின் தடையின்மைச் சான்றாக கருதக் கூடாது. தகவலுக்காக மட்டுமே இச்சான்று வழங்கப்படுகிறது.
2. இவ்விடத்தில் மனைப்பிரிவோ, சிறுவனமோ மற்றும் கட்டிடமோ அல்லது எவ்வித அபிவிருத்தியோ அமைக்கும் முன்னர் நகர் ஊரமைப்புச் சட்டம் 1971, பிரிவு 47-ன்படி இத்துறையின் முன் அனுமதி பெறப்பட வேண்டும். அவ்வாறு அனுமதி பெறாமல் அபிவிருத்தி செய்யப்பட்டால் நகர்ஊரமைப்புச் சட்டம் 1971 பிரிவு 56 (ம) 57-ன் கீழ் நடவடிக்கை தொடரப்படும்.

3. அபிவிருத்திகளுக்கு அனுமதி பெறுவதை எளிமைப்படுத்தும்விதமாக அதிகபட்சம் 4000 ச.அடி பரப்பளவுள்ள தனித்த குடியிருப்புக் கட்டிட உத்தேசம் (அதிகபட்சம் 4 குடியிருப்புகளை உள்ளடக்கியதான தரைதளம், முதல்தளம் வரையிலான குடியிருப்புக் கட்டிடம்), அதிகபட்சம் 2000 ச.அடி வரையிலான தனித்தவணிக உபயோக கட்டிடங்களுக்கும் (தரைதளம் + முதல் தளம்) சம்பந்தப்பட்ட உள்ளாட்சியே திட்ட அனுமதி வழங்கிட இத்துறையால் அதிகாரப்பகர்வு வழங்கப்பட்டுள்ளது. மேற்காண் வகைக் கட்டிடங்கள் தவிர கூடுதல் பரப்பளவுள்ள குடியிருப்புக் கட்டிடங்கள், வணிக உபயோக கட்டிட உத்தேசங்களுக்கு இவ்வலுவலகத்தின் திட்ட அனுமதி பெறப்பட வேண்டும். மேலும் தொழிற்சாலை கட்டிடங்கள், நிறுவனக் கட்டிடங்கள் மற்றும் இதர பொதுவகைக் கட்டிடங்கள் போன்றவற்றிக்கு இத்துறையின் திட்ட அனுமதி பெறப்படவேண்டும் எனவும் தெரிவிக்கப்படுகிறது.



உறுப்பினர் செயலர்(பொ)

மாமல்லூர் உள்ளூர் திட்டக்குழுமம்  
செங்கல்பட்டு-1

பா  
09/09/11

**PROPOSED PARKING STATEMENT AS PER DTCP APPROVALS**

<b>Proposed parking statement as per DTCP</b>					
<b>Car Parking</b>		<b>Two wheeler parking</b>		<b>Area Provided (Block 1 – Basement + Stilt)</b>	<b>Area Provided (Block 2 – Basement + Stilt floor + 1st floor + 2<sup>nd</sup> floor )</b>
<b>Required</b>	<b>Provided</b>	<b>Required</b>	<b>Provided</b>		
261	737	728	738	5,065.77	24,874.4
<b>Total parking area</b>				<b>29,940.17</b>	

**LAND USE BREAKUP DETAILS**

<b>Sl. No</b>	<b>Particular</b>	<b>Area (Sq.m)</b>	<b>%</b>
1	Ground coverage / Parking area	9127.05	50.42
2	Greenbelt area	2799.97	15.46
3	Road area	5180.36	28.61
4	Utilities/service area	97.42	0.53
5	Open area	485.54	2.68
6	Storm water drain area	411.11	2.30
<b>Total Plot area</b>		<b>18,101.45</b>	<b>100</b>



Ms L and T South City Projects Limited

Date: 17-06-2019

Phase 1, MR Radha Main  
Road, Siruseri,  
Chennai-603103

System Generated Auto Assessment for Height Clearance

1. Airports Authority of India (AAI) in pursuance of responsibility conferred by and as per the provisions of Govt. of India (Ministry of Civil Aviation) order GSR 751 (E) dated 30th Sep. 2015 for Safe and Regular Aircraft Operations has assessed the site data filled by the applicant.

2. Assessment details for Height Clearance:

NOC ID :	CHEN/SOUTH/B/061219/404927
Applicant Name*	G Shiyamalann
Site Address*	Building Site Block I located in Survey Nos 127/1,2,3,130/1A,1B,131,132/1A,1B,2,3,133,134/1A2,1C,1D and 2B, Siruseri Village and at MR Radha Main Road, Siruseri, Chennai-603103
Site Coordinates*	80 12 16.08-12 49 32.18, 80 12 16.98-12 49 31.76, 80 12 18.65-12 49 31.95, 80 12 18.92-12 49 32.00, 80 12 19.80-12 49 33.04, 80 12 19.98-12 49 32.44
Site Elevation in mtrs AMSL as submitted by Applicant*	6.52 M
Type Of Structure*	Building

\*As provided by applicant

Your site is located at a distance 18972 mts from ARP and lies in the grid V14 of the published CCZM of Chennai airport. The Permitted top elevation for this grid is 115 mts.

Since the requested top elevation 70.27 mts in AMSL is below CCZM permitted top elevation, the NOC for height clearance is not required from Airports Authority of India.

3. This assessment is subject to the terms and conditions as given below:

a. The site-elevation and site coordinates provided by the applicant are taken for calculation of the permissible top elevation for the proposed structure. If however, at any stage it is established that the actual data is different from the one provided by the applicant, this assessment will become invalid.

b. Airport operator or his designated representative may visit the site (with prior coordination with applicant or owner) to ensure that assessment terms & conditions are complied with.

c. The assessment is further subject to the provisions of Section 9-A of the Indian Aircraft Act, 1934 and any notifications issued there under from time to time including the Aircraft(Demolition of Obstruction caused by Buildings and Trees etc.) Rules,1994.

d. The applicant is responsible to obtain all other statutory clearances from the concerned authorities including the approval of building plans. This assessment for height is to ensure the safe and regular aircraft operations and shall not be used as document for any other purpose/claim whatsoever, including ownership of land etc.



भारतीय विमानपत्तन प्राधिकरण  
AIRPORTS AUTHORITY OF INDIA

e. Use of oil, electric or any other fuel which does not create smoke hazard for flight operations is obligatory, within 8 KM of the Aerodrome Reference Point.

f. This assessment has been issued w.r.t. the Civil Airports as notified in GSR 751(E). Applicant needs to seek separate NOC for Defence, if the site lies within jurisdiction of Defence Airport. Applicants also need to seek clearance from state Govt. as applicable, for sites which lies in the jurisdiction of unlicensed civil aerodrome as outlined in Rule 13 of GSR751 (E).

*This assessment is system auto generated and thus does not require any signature*

Designated Officer

Region Name: SOUTH

Address: General Manager Airports  
Authority of India, Regional  
Headquarter, Southern Region,  
Chennai Airport,  
Chennai-600027 (Tamil Nadu)

Email ID: vommm.noc@aai.aero

Contact No: 044-22560046



Ms L and T South City Projects Limited

Date: 19-06-2019

Phase I, MR Radha Main  
Road, Siruseri,  
Chennai-603103

System Generated Auto Assessment for Height Clearance

1. Airports Authority of India (AAI) in pursuance of responsibility conferred by and as per the provisions of Govt. of India (Ministry of Civil Aviation) order GSR 751 (E) dated 30th Sep. 2015 for Safe and Regular Aircraft Operations has assessed the site data filled by the applicant.

2. Assessment details for Height Clearance:

NOC ID :	CHEN/SOUTH/B/061719/406737
Applicant Name*	G Shiyamalann
Site Address*	Building Site Block 2 located in Survey Nos 127/1,2,3,130/1A,1B,131,132/1A,1B,2,3,133,134/1A2,1C,1D and 2B, Siruseri Village and at MR Radha Main Road, Siruseri, Chennai-603103
Site Coordinates*	80 12 17.36-12 49 30.50, 80 12 17.40-12 49 31.06, 80 12 17.97-12 49 28.55, 80 12 17.97-12 49 28.78, 80 12 20.00-12 49 29.02, 80 12 20.10-12 49 28.51, 80 12 20.10-12 49 30.30, 80 12 20.10-12 49 31.14
Site Elevation in mtrs AMSL as submitted by Applicant*	6.5 M
Type Of Structure*	Building

\*As provided by applicant

Your site is located at a distance 19085 mts from ARP and lies in the grid V14 of the published CCZM of Chennai airport. The Permitted top elevation for this grid is 115 mts.

Since the requested top elevation 70.25 mts in AMSL is below CCZM permitted top elevation, the NOC for height clearance is not required from Airports Authority of India.

3. This assessment is subject to the terms and conditions as given below:

a. The site-elevation and site coordinates provided by the applicant are taken for calculation of the permissible top elevation for the proposed structure. If however, at any stage it is established that the actual data is different from the one provided by the applicant, this assessment will become invalid.

b. The Site coordinates as provided by the applicant in the NOC application has been plotted on the street view map and satellite map as shown in ANNEXURE. Applicant/Owner to ensure that the plotted coordinates corresponds to his/her site. In case of any discrepancy, this assessment shall be treated as null and void

c. Airport operator or his designated representative may visit the site (with prior coordination with applicant or owner) to ensure that assessment terms & conditions are complied with.

d. The assessment is further subject to the provisions of Section 9-A of the Indian Aircraft Act, 1934 and any notifications issued there under from time to time including the Aircraft (Demolition of Obstruction caused by Buildings and Trees etc.) Rules, 1994.



भारतीय विमानपत्तन प्राधिकरण  
AIRPORTS AUTHORITY OF INDIA

e. The applicant is responsible to obtain all other statutory clearances from the concerned authorities including the approval of building plans. This assessment for height is to ensure the safe and regular aircraft operations and shall not be used as document for any other purpose/claim whatsoever, including ownership of land etc.

f. Use of oil, electric or any other fuel which does not create smoke hazard for flight operations is obligatory, within 8 KM of the Aerodrome Reference Point.

g. This assessment has been issued w.r.t. the Civil Airports as notified in GSR 751(E). Applicant needs to seek separate NOC for Defence, if the site lies within jurisdiction of Defence Airport. Applicants also need to seek clearance from state Govt. as applicable, for sites which lies in the jurisdiction of unlicensed civil aerodrome as outlined in Rule 13 of GSR751 (E).

*This assessment is system auto generated and thus does not require any signature*

Designated Officer

Region Name: SOUTH

Address: General Manager Airports  
Authority of India, Regional  
Headquarter, Southern Region,  
Chennai Airport,  
Chennai-600027 (Tamil Nadu)

Email ID: vommm.noc@aai.aero

Contact No: 044-22560046