



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 Proposed Construction of Residential apartments - M/s. Pragnya South City Projects Pvt Ltd (Eden Park Phase 2) at S.No. 90/3A1A, 3A1B (part), etc, Siruseri and Pudupakkam Village, Chengalpattu Taluk, Kanchipuram District, Tamil Nadu.

Ref: EC Letter No : SEIAA/TN/F.509/EC/8(b)/230/2012 dated 07.11.2013

We submit herewith the six-monthly Environmental Clearance Compliance statement for December 2025 (for the period from April 2025 to September 2025) for Proposed Construction of Residential apartments - M/s. Pragnya South City Projects Pvt Ltd (Eden Park Phase 2) at S.No. 90/3A1A, 3A1B (part), etc, Siruseri and Pudupakkam Village, Chengalpattu Taluk, Kanchipuram District, Tamil Nadu 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

SIX-MONTHLY ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT

April 2025 to September 2025

For

**“Proposed construction of Residential Apartment – M/s Pragnya South City Projects
Private Ltd” (Eden Park Phase 2)**

At

**S. No. 90/3A1A, 3A1B (part) etc, Siruseri and Pudupakkam village, Chengalpattu
Taluk, Kanchipuram District Tamil Nadu**

Letter No. SEIAA/TN/F.509/EC/8(b)/230/2012 dated :07.11.2013

Submitted by

M/s. Pragnya South City Projects Private Ltd



Prepared by

HECS

**ENVIRONMENTAL CONSULTANT
HUBERT ENVIRO CARE SYSTEMS (P) LTD**

CHENNAI 600032

December 2025

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TABLE OF ANNEXURE

S.No	List of Annexure
1	EC Copy
2	CTO Copy
3	CTE and CTE Extension Copy
4	Fire NOC
5	Airport NOC
6	STP Design Approval
7	Structural Stability Certificate-IIT
8	Structural Stability Certificate-Seismic Zone
9	First Aid Room Photos
10	Green belt photograph
11	Storm Water Drain Photograph
12	Construction Schedule Bar Chart
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14	Medical Camp Photo
15	Rain Water Harvesting Pit
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25	Health Care Clinic
26	Terrace Gardening Photograph
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1.0 PROJECT DETAILS

Project Details as EC																									
Name of the project	Proposed Construction of Residential Apartment M/s. L & T SOUTH CITY PROJECTS LIMITED - EDEN PARK (PHASE - 2)																								
S.F.Nos/Plot No	S.F No. 90/3A1A, 3A1B (part) of Pudupakkam village & 123, 127/1, 2, 3, 130/1A, 1B, 10-14, 15B,16, 17A1B, 17A2, 17B1, B2,B3,18-20, 132/1A, 1B, 3, 133, 134/1A1, 1A2, 1B, 1C, 1D, 2A, 2B, 135/1, 2, 136/1-5, 6A, 6B, 6C,7, 137/1, 2, 138/1,2A, 2B1,282,3,4, 5A, 5B, 139/2D(Part), 3, 4(part), 5-10, 151/3(Part), 153/1, 2A, 2B, 3-6, 154/1,2,155/1,2,156/1-3, 4A, 4B, 5B, 6, 8A, 9B1A,9B1B,9B2, 10B, 11,157/1 (Part), 2(Part), 3(Part), 4(Part), 5(Part), 6(Part), 158/1(Part), 2(Part), 159/5(Part), 7(Part), 8(Part), 11(Part), 12(Part), 160/2A1(Part), 2A2,2B,3,4,5A, 5B,6,161,162 & 163/4A(Part), 4B(Part), 5(Part), 6. Total Project Site Area Extent is 1,81,137.29 Sq.m																								
Location	Siruseri Village, Chengalpattu Taluk, Kancheepuram District, Tamil Nadu																								
EC.No	Letter No. SEIAA/TN/F.509/EC/8(b)/230/2012 dt:07.11.2013 (Enclosed as Annexure - 1)																								
Total Built Up Area	5,42,148 Sq.m <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 25%;">Blocks</th> <th style="width: 25%;">Each Tower built up area (A)</th> <th style="width: 10%;">No of Tower (B)</th> <th style="width: 40%;">Block Wise Built up area (AxB)</th> </tr> </thead> <tbody> <tr> <td>Block A</td> <td style="text-align: center;">33,700</td> <td style="text-align: center;">4</td> <td style="text-align: center;">1,34,800</td> </tr> <tr> <td>Block B</td> <td style="text-align: center;">17,117</td> <td style="text-align: center;">3</td> <td style="text-align: center;">51,351</td> </tr> <tr> <td>Block C</td> <td style="text-align: center;">44,600</td> <td style="text-align: center;">7</td> <td style="text-align: center;">3,12,200</td> </tr> <tr> <td>Block-D & Club House & Retail</td> <td style="text-align: center;">43,797</td> <td style="text-align: center;">1</td> <td style="text-align: center;">43,797</td> </tr> <tr> <td colspan="3">Total Built-up Area in Sqm</td> <td style="text-align: center;">5,42,148</td> </tr> </tbody> </table>	Blocks	Each Tower built up area (A)	No of Tower (B)	Block Wise Built up area (AxB)	Block A	33,700	4	1,34,800	Block B	17,117	3	51,351	Block C	44,600	7	3,12,200	Block-D & Club House & Retail	43,797	1	43,797	Total Built-up Area in Sqm			5,42,148
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Total Built-up Area in Sqm			5,42,148																						

Greenbelt area	44515.4 Sq.m																
Area of Parking	142434 Sq.m																
Power Requirement	Total Power Requirement – 18.5 MW KVA with DG Power Backup – 3 x 250 KVA, 4 x 320 KVA, 8 x 380 KVA																
Water Requirement	Fresh water requirement – 1594.8 KLD (From CMWSSB)																
Number of floors	Block A (4 Towers) – 2 stilts + 18 floors Block B (3 Towers) – 1 stilt + 14 floors Block C (7 Towers) – 2 Stilts + 18 floors Block D (1 Tower) – 2 Stilts + 14 floors Club House – Ground + 1 Floor & Retail – Ground + 3 Floors																
Solid Waste Generation	Total Generation – 3.19 T/day <table border="1" data-bbox="485 877 1149 1409"> <thead> <tr> <th>S.No</th> <th>Type of waste</th> <th>Quantity T/day</th> <th>Disposal method</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Biodegradable</td> <td>0.8</td> <td>Organic Waste Converter</td> </tr> <tr> <td>2</td> <td>Non-Biodegradable</td> <td>2.39</td> <td>Authorized Recyclers</td> </tr> <tr> <td>3</td> <td>Bio-sludge from STP</td> <td>16 kg/day</td> <td>Manure for Gardening</td> </tr> </tbody> </table>	S.No	Type of waste	Quantity T/day	Disposal method	1	Biodegradable	0.8	Organic Waste Converter	2	Non-Biodegradable	2.39	Authorized Recyclers	3	Bio-sludge from STP	16 kg/day	Manure for Gardening
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Project Cost	1028 Crores																

Present Implementation status of the Project Details

Present Status of the Project against the obtained EC	We have obtained EC for 5,42,148 Sq.m of built-up area whereas we had constructed 1,56,469 Sq.m of built-up area. Due to Covid-19, poor market status and change in Project configuration, obtained EC [EC Ref: SEIAA/TN/F.509/EC/8(b)/230/2012 dt: 07.11.2013] was
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	not fully executed.																														
Completed Project site	Survey No 90/3A1A, 3A1B(PART) of Pudupakkam Village & Survey No.123,130/10,11,12,13,14,15B,16,17A1B,17A2,17B1,17B2,17B3, 18,19,20,134/1A1,1B,136/6C,137/1,2,139/3,153/3,4 of Siruseri Village. Total Completed Project Site Area Extent is 32,465 Sq.m																														
Location	Siruseri Village, Chengalpattu Taluk, Kancheepuram District, Tamil Nadu																														
Consent Order Ref	Consent order vide: 2304213002748 dt:18.01.2023 (Enclosed as Annexure – 2)																														
Total Built Up Area	1,56,469 Sq.m																														
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Total Built-up Area in Sqm			1,56,469																												
Area of Parking	33,274 Sq.m																														
DG Backup Details	Stack No	DG Capacity	Pollution control measures	Stack top Dia	Stack height AGL	Material of Construction																									
	1	320KVA	Stack	0.15	9	MS																									
	2	125KVA	Stack	0.10	9	MS																									
	3	320KVA	Stack	0.15	9	MS																									
	4	500KVA	Stack	0.20	9	MS																									
	5	500KVA	Stack	0.20	9	MS																									
	6	160KVA	Stack	0.10	9	MS																									

Water Requirement	Fresh water requirement – 440 KLD (From Tankers)
Number of floors	Block A (1 Towers) – 2 stilts + 18 floors Block B (1 Towers) – 1 stilt + 14 floors Block C (2 Towers) – 2 Stilts + 18 floors Club House – Ground + 1 Floor Total number of Dwelling Units is 1000.
Solid Waste Generation	Organic Waste convertor has been installed. The bio- degradable waste is treated through Organic Waste Converters. The non – biodegradable waste sent to authorized recyclers. The STP sludge is used organic manure for gardening.
Project Cost	250 Crores

2.0 SITE LOCATION MAP



Siruseri Village, Chengalpattu Taluk, Kancheepuram District, Tamil Nadu



3.0 SITE PHOTOGRAPH

Block A1



Block B1



Block C1



Block C7



4.0 SIX MONTHLY COMPLIANCE STATEMENT

SPECIFIC CONDITIONS		
S.NO	CONDITIONS	COMPLIANCE
1	Construction Phase	Condition complied.
	i) "Consent for Establishment" shall be obtained from the Tamil Nadu Pollution Control Board and a copy shall be submitted to the SEIAA, Tamil Nadu before taking up any construction activity at the site.	Consent to Establish has been obtained from TNPCB. CTE and CTE Extension copy is enclosed as Annexure - 3 .
	ii) The entire water requirement during construction phase shall be met by transporting water through tankers, as committed.	Condition complied. The entire water requirement during construction phase shall be met by through tankers.
	iii) 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.	Condition complied.
	iv) The height and coverage of the constructions shall be in accordance with the existing FSI/FAR norms as per Coastal Regulation Zone Notification, 2011.	Conditions Complied. We have constructed the building height and coverage as per the obtained FSI norms. However, our project does not attract any CRZ regulations.
	v) STP design should be approved by Academic Research Institution before the issue of CTE by TNPCB.	Condition complied. STP design approval is enclosed as Annexure - 6
	vi) The approval of the competent authority shall be obtained for structural safety of the buildings due to earthquake, adequacy of fire fighting equipment's, etc. as per National Building Code including protection measures from lightning etc.	Condition complied. Structural Safety certificate is enclosed as Annexure - 7 Stability certificate for seismic zone is enclosed as Annexure - 8 Fire NOC is enclosed as Annexure - 4
	vii) All required sanitary and hygienic measures should be in place before starting construction activities and they have to be	Condition Complied.

	maintained throughout the construction phase.	
viii)	A First Aid Room shall be provided in the project site during the entire construction phase of the project.	<p>Condition complied.</p> <p>First aid room are provided in the project site during the entire construction phase of the project</p> <p>First aid room and training photographs is enclosed as Annexure - 9</p>
ix)	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The safe disposal of waste water and solid wastes generated during the construction phase should be ensured.	Condition complied.
x)	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.	Condition complied.
xi)	The solid waste in the form of excavated earth excluding the top soil generated from the project activity shall be scientifically utilized for construction of approach roads and peripheral roads, as reported.	Condition complied.
xii)	All the top soil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.	<p>Condition complied.</p> <p>Top soil excavated during construction activities was stored and utilized in horticulture/ landscape development within the project site.</p> <p>Greenbelt photograph is enclosed as Annexure - 10</p>
xiii)	Disposal of other 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.	<p>Condition complied.</p> <p>The project is in operation phase.</p>
xiv)	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.	<p>Condition complied.</p> <p>No bituminous materials and other hazardous materials are used.</p> <p>The project is in operation phase.</p>
xv)	Low Sulphur Diesel shall be used for operating diesel generator sets to be used during construction phase. The air and noise	<p>Condition complied.</p> <p>Low Sulphur Diesel are used for</p>

<p>emission shall conform to the standards prescribed in the Rules under the Environment (Protection) Act, 1986, and the Rules framed thereon.</p>	<p>operating diesel generator sets during construction phase.</p> <p>Environmental monitoring report is enclosed as Annexure - 30.</p>
<p>xvi) The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.</p>	<p>Condition noted.</p>
<p>xvii) 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 TNPCC/CPCB. The vehicles should be operated only during non-peak hours.</p>	<p>Condition complied.</p> <p>Air and noise quality monitoring report is enclosed as Annexure - 30</p>
<p>xviii) Ambient air and noise levels should conform to residential standards prescribed by the TNPCC, both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during the construction phase.</p>	<p>Condition complied.</p> <p>Air and noise quality monitoring report is enclosed as Annexure - 30</p>
<p>xix) Fly- Ash bricks 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.</p>	<p>Condition noted.</p> <p>The project is in operation phase.</p>
<p>xx) Ready-mix concrete of high quality should be used in building. Construction and necessary cube-tests should be conducted to ascertain their quality.</p>	<p>Condition noted and complied.</p>
<p>xxi) Storm water control and its re-use shall be as per CGWB and BIS standards for various applications.</p>	<p>Condition noted and complied.</p> <p>Storm water drain photograph is enclosed as Annexure - 11</p>
<p>xxii) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices prevalent.</p>	<p>Condition accepted and noted.</p>
<p>xxiii) 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.</p>	<p>Condition noted and complied.</p>
<p>xxiv) 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.</p>	<p>Condition noted.</p>

xxv) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material, to fulfil the requirement.	Condition noted and complied.
xxvi) Adequate measures to reduce air and noise pollution during construction shall be adopted, conforming to norms prescribed by the TNPCB on noise limits.	Condition is being complied. Environmental monitoring report is enclosed as Annexure - 30
xxvii) 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.	Condition noted.
xxviii) The Project proponent is requested to indicate the probable date of commissioning of the project supported with necessary bar charts.	Condition complied. Construction schedule bar chart is enclosed as Annexure - 12
xxix) Adequate fire protection equipment's and rescue arrangements should be made as per the prescribed standards.	Condition noted and complied.
xxx) Proper approach road for fire-fighting vehicles and for rescue operations in the event of emergency shall be made.	Condition noted and complied.
xxxi) Design of buildings should be in conformity with the Seismic Zone Classifications.	Condition complied. Stability certificate for seismic zone is enclosed as Annexure - 8
xxxii) All ECBC norms have to be adopted	Condition noted.
xxxiii) 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 contractions due to exposure to dust and take corrective measures, if needed.	Condition noted and complied. We have conducted periodic Health and Safety program with the workers and enclosed the photograph of the same as Annexure - 13.
xxxiv) 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.	Condition noted and complied. We have conducted periodic Medical Camp for the workers and enclosed the photograph of the same as Annexure - 14.

Operation Phase

<p>i. The Proponent should be responsible for the maintenance of common facilities including greening, rain water harvesting, sewage disposal, solid waste disposal and environmental monitoring including terrace gardening for a period of 1 year as committed. 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.</p>	<p>Condition noted and complied.</p> <p>We will responsible for the maintenance of common facilities including greening, rain water harvesting, sewage disposal, solid waste disposal and environmental monitoring including terrace gardening.</p> <p>Rain water harvesting pits is enclosed as Annexure - 15.</p> <p>Rain Water Collection Sump photograph is enclosed as Annexure - 16</p> <p>STP photograph is enclosed as Annexure - 17</p> <p>Green Belt photograph is enclosed as Annexure - 10</p>
<p>ii. The entire water requirement during operation phase shall be met from CMWSSB and required permission from CMWSSB shall be obtained as committed in the affidavit for the supply of 3110 KLD.</p>	<p>Condition noted.</p> <p>Currently, the water is procured from the tankers since the CMWSSB scheme is not yet implemented in our project site.</p> <p>Water agreement is enclosed as Annexure -18</p>
<p>iii. Flats should be handed over to the customers only after obtaining required permission from CMWSSB for drawal of water supply from its sources as committed in the Affidavit or before obtaining of completion certificate.</p>	<p>Condition noted.</p>
<p>iv. The Proponent as committed shall utilize 797.4 for flushing, 207 KLD for Green Belt development, & 1028.97 KLD has to be for used for avenue plantation of Siruseri Village Panchayat as committed in the Affidavit before handing over of flats to the allottees or before obtaining completion certificate from local body scientifically throughout the period of operation as committed. The area allotted for gardening/Green belt shall not be used for any other construction activity.</p>	<p>Condition noted.</p> <p>We have constructed the towers namely Block - A (1 Tower), Block - B (1 Tower), Block - C (2 Towers) & Club house. The total water requirement for these blocks is 662 KLD and fresh water requirement is 440KLD procure from tankers. The treated water generation is 618 KLD of which 200 KLD is used for greenbelt development, 196 KLD for avenue plantation and 222 KLD is re-used for flushing.</p>
<p>v. There shall be no drawal of ground water.</p>	<p>Condition noted.</p>

<p>vi. The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.</p>	<p>Condition is being complied. Ground water quality monitoring report is enclosed as Annexure - 30</p>
<p>vii. The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the SEIAA, TN before the project is commissioned for operation. Treatment effluent emanating from STP shall be recycled / reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Discharge of unused treated effluent shall conform to the norms and standards of the Tamil Nadu State Pollution Control Board. Necessary measures should be made to mitigate the odour and mosquito problem from STP. Explore the less power consuming systems viz. baffle reactor etc. for the treatment of sewage.</p>	<p>Condition noted and complied. STP design adequacy approval for installation is enclosed as Annexure -19 STP photograph is enclosed as Annexure - 17.</p>
<p>viii. The Proponent shall install STP unit of Bar Screen Chamber, Equalization Tank, Aeration tank, Secondary setting tank, Alum doser, Clarified water tank, Pressure sand filter, Activated carbon filter, Filter press & UV treatment as committed (STP's of Capacity of 400KLD & 1650 KLD each) and operated continuously to achieve the standards prescribed by the Tamil Nadu Pollution Control Board.</p>	<p>Condition noted and complied. Currently, we have installed the STP to the capacity of 700KLD (300 KLD & 400 KLD) for the present development of the project (Built up Area of 1,56,469Sqm) STP (700KLD) Process Flow Diagram is enclosed as Annexure - 20 STP photograph is enclosed as Annexure - 17.</p>
<p>ix. The Proponent shall operate STP continuously by providing DG set in case of power failure.</p>	<p>Condition noted. We operate STP continuously by providing DG set (160KVA) backup in case of power failure. DG Set photograph is enclosed as Annexure - 29</p>
<p>x. It is the sole responsibility of the proponent/Owner of the Flats that the treated sewage water disposed for green belt development/ avenue plantation should not pollute the soil/ ground water/ adjacent canals/lakes/ponds, etc.</p>	<p>Condition accepted and noted.</p>
<p>xi. Adequate measures should be taken to prevent odour emanating from solid waste processing plant and STP.</p>	<p>Condition accepted and noted.</p>

	<p>xii. The Biodegradable solid waste, non-biodegradable solid waste, STP sludge, etc generated from the project activity shall be properly collected, segregated and disposed as committed, and as per the provision of Solid Waste (Management and Handling) Rules, 2000.</p>	<p>Condition accepted and complied.</p> <p>We are segregating the waste from the collection and bio- degradable solid waste is treated through installed Organic Waste Converters and non-biodegradable waste shall be disposed through recyclers.</p>																												
	<p>xiii. The biodegradable municipal solid waste shall be decomposed through Organic waste converter and the manure shall be used as compost for green belt development/ avenue plantation as committed.</p>	<p>Condition noted and complied.</p> <p>The bio- degradable solid waste is treated through Organic Waste Converters and manure used for the green belt development/ avenue plantation.</p> <p>Organic Waste Converter photograph is enclosed as Annexure - 22</p>																												
	<p>xiv. The Plastic wastes shall be segregated and disposed as per the provisions of Plastic Waste (Management & Handling) Rules 2011.</p>	<p>Condition accepted and noted.</p> <p>Plastic is strictly banned in our project site and plastic waste are segregated separately and disposed as per norms.</p>																												
	<p>xv. Thee waste generated should be collected and disposed to a nearby authorized e-waste centre as per e-waste (Management & Handling), Rules 2011.</p>	<p>Condition noted.</p>																												
	<p>xvi. 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. The location of the DG sets may be decided with the consultation of Tamil Nadu Pollution Control Board.</p>	<p>Condition noted and complied.</p> <p>We have installed the following DG sets with acoustic enclosure for the backup power.</p> <table border="1" data-bbox="768 1281 1173 1764"> <thead> <tr> <th>DG Capacity</th> <th>Stack top Dia</th> <th>Stack height AGL</th> <th>Material of Construction</th> </tr> </thead> <tbody> <tr> <td>320KVA</td> <td>0.15</td> <td>9</td> <td>MS</td> </tr> <tr> <td>125KVA</td> <td>0.10</td> <td>9</td> <td>MS</td> </tr> <tr> <td>320KVA</td> <td>0.15</td> <td>9</td> <td>MS</td> </tr> <tr> <td>500KVA</td> <td>0.20</td> <td>9</td> <td>MS</td> </tr> <tr> <td>500KVA</td> <td>0.20</td> <td>9</td> <td>MS</td> </tr> <tr> <td>160KVA</td> <td>0.10</td> <td>9</td> <td>MS</td> </tr> </tbody> </table> <p>DG Sets with Stacks photograph is enclosed as Annexure - 21</p>	DG Capacity	Stack top Dia	Stack height AGL	Material of Construction	320KVA	0.15	9	MS	125KVA	0.10	9	MS	320KVA	0.15	9	MS	500KVA	0.20	9	MS	500KVA	0.20	9	MS	160KVA	0.10	9	MS
DG Capacity	Stack top Dia	Stack height AGL	Material of Construction																											
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<p>xvii. The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from the Chief Controller of Explosives shall be taken.</p>	<p>Condition noted.</p>
<p>xviii. The acoustic enclosures shall be installed at all noise generating equipment's such as DG sets, air conditioning systems, etc. and the noise level shall be maintained as per MoEF/CPCB/TNPCB guidelines/norms both during day and night time.</p>	<p>Condition is being complied. DG sets installed with Acoustic encloser. Noise quality monitoring report is enclosed as Annexure - 30</p>
<p>xix. Spent oil from D.G sets should be stored in HDPE drums in an isolated covered facility and disposed as per the Hazardous Wastes (Management, Handling, Trans boundary Movement) Rules 2008. Spent oil from D.G sets should be disposed off through registered recyclers.</p>	<p>Condition noted.</p>
<p>xx. The proponent/Owner of the Flats 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.</p>	<p>Condition noted and complied. Storm water drain photograph is enclosed as Annexure - 11</p>
<p>xxi. The proponent should also ensure that necessary trenches for openings shall be provided at periodic intervals along the compound wall, so as to let out the storm water during rainy season, without stagnation/ ponding.</p>	<p>Condition noted. Storm water drain photograph is enclosed as Annexure - 11</p>
<p>xxii. The proponent/Owner of the Flats shall ensure that roof rain water run-off collected from the covered roof of the buildings, etc shall be scientifically harvested so as to ensure the maximum beneficition of rain water harvesting. It shall be stored in a sump of 1nos. of 1400 KLD capacity and reused.</p>	<p>Condition noted and complied. Rain Water collection sump is provided in all Buildings and Rain Water Collection Sump photograph is enclosed as Annexure - 16</p>
<p>xxiii. 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. The Proponent shall provide 14nos. of borewells /percolation pits/ etc. as committed. The borewells / percolation</p>	<p>Condition noted and complied. Rain water harvesting pits provided and photograph is enclosed as Annexure - 15</p>

pits/ etc. for rainwater recharging should be kept at least 5 mts. above the highest ground water table.	
xxiv. Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. A hybrids system or fully solar system for a portion of the apartments shall be provided.	<p>Condition complied.</p> <p>Solar water heater system is provided in the roof terrace and the photograph is enclosed as Annexure - 23</p>
xxv. 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 SELAA in three months' time.	<p>Condition noted.</p>
xxvi. 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. 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. Use of solar panels may be done to the extent possible.	<p>Condition noted and complied.</p>
xxvii. 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 MoEF norms.	<p>Condition complied.</p> <p>Parking's are fully internalized and no public space utilized. Parking have provided as per the DTCP norms.</p>
<p>xxviii. The proponent shall issue plans showing Separate pipelines marked with different colour with the following details</p> <ul style="list-style-type: none"> 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 	<p>Condition noted.</p> <p>Separate pipeline with different colour code is used for different pipelines.</p> <p>PHE pipeline photograph is attached as Annexure - 24</p>

vi. Telephone cable vii. Power cable viii. Storm water drain ix. Rain water harvesting system to all the allottees/owners while executing the allotment order/sale deed.	
xxx. A First Aid Room shall be provided during operation of the project, with necessary equipments and life- saving medicines.	Condition noted and complied. Private Health care clinic is provided with in the project premises and photograph is enclosed as Annexure - 25
xxx. The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use. The open spaces inside the plot shall be suitably landscaped and covered with vegetation of suitable variety.	Condition complied. Greenbelt photograph is enclosed as Annexure - 10
xxxi. Incremental pollution loads on the ambient air quality, noise and water quality shall be periodically monitored after commissioning of the project.	Condition is being complied. Environmental monitoring report is enclosed as Annexure - 30
xxxii. No construction activity of any kind shall be taken up in the OSR area. Consent of the local body concerned should be obtained for using the secondary treated sewage in the OSR area.	Condition noted.
xxxiii. The building should have adequate distance between them to allow free movement of fresh air and passage of natural light, air and ventilation. Landscape plan to be revised accordingly.	Condition noted and complied.
xxxiv. A terrace garden shall be developed and maintained continuously by the Proponent as committed.	Condition noted and complied. Terrace garden is provided and photograph is enclosed as Annexure - 26
xxxv. The amount earmarked by the proponent under CSR activity (Capital Cost Rs 500 Lakhs) should be used only for such activities as committed by the proponent.	Condition noted. CSR Activity is enclosed as Annexure - 27
GENERAL CONDITIONS	
i) The Construction of the structures should be	Condition noted and complied.

undertaken as per the plans approved by the concerned local authorities/local administration.	All the constructions are done as per DTCP approved plan.
ii) It is mandatory for the Project proponent to furnish to the SEIAA, Half yearly compliance report in Hard and Soft copies on 1st June and 1st December of each calendar year in respect of the conditions stipulated in the prior Environmental Clearance.	Condition noted and it is being complied.
iii) In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained.	Condition noted. There is no change in the scope of the present development of the project with respect to the obtained EC.
iv) A copy of the clearance letter shall be sent by the proponent to the Commissioner of Corporation/ municipalities/ executive officers of town panchayat / Block development officers of panchayat union whichever is applicable and the Local NGO, if any, from whom suggestions /representations, if any, have been received while processing the proposal. The clearance letter shall also be put on the website of the Proponent.	Condition noted.
v) The SEIAA reserves the right to add additional safeguard measures subsequently, if non-compliance of any of the EC conditions are found and to take action, including revoking of this Environmental Clearance as the case may be.	Condition noted.
vi) 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	Condition complied. Fire NOC is enclosed as Annexure -4 Fire license is enclosed as Annexure - 28 Airport NOC is enclosed as Annexure - 5
vii) The project authorities should advertise with basic details at least in two local newspaper widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at website of SEIAA, TN and a copy of the same should be forwarded to the	Condition Noted.

	Regional Office of the Ministry of Environment and Forests located at Bangalore.	
	viii) Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it is found that Construction of the project has been started without obtaining Environmental Clearance, and for any other action resulting in violation of any condition stipulated in the Environmental Clearance.	Condition noted.
	ix) 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, Bengaluru, the respective Zonal Office of CPCB, Bengaluru and the TNPCB. The criteria pollutant levels namely; SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Condition noted and being complied.
	x) A copy of the Environmental clearance (EC) letter shall be issued to all the allottees /owners while executing the allotment order / sale deed before handing over of the building to allottees.	Condition noted.
	xi) 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.	Condition noted.
	xii) The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Bangalore. Funds for CSR activity shall be allotted and used for that purpose and separate account shall be maintained.	Condition noted.
	xiii) The Regional Office of the Ministry located at Bangalore 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 /	Condition noted. We give extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.

	information monitoring reports.	
	xiv) The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Bangalore, the respective Zonal Office of Central Pollution Control Board, SEIAA, TN and the State Pollution Control Board.	Condition noted and its being complied.
	xv) 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 along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Bangalore by e-mail.	Condition noted and its being complied.
	xvi) This 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.	Condition noted.
	xvii) 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.	Condition noted.
	xviii) 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	Condition noted.
	xix) 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	Condition noted.

	obtaining the environmental clearance.	
	xx) 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.	Condition noted.
	xxi) The above 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, including the Hon'ble Natural Green Tribunal relating to the subject matter.	Condition complied. CTO Copy is enclosed as Annexure - 2
	xxii) Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa foundation Vs. Union of India in Writ petition (Civil) No.460 of 2004 as may be applicable to this project.	Condition noted.
	xxiii) 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.	Condition noted. There is no appeal against this environmental clearance

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 (NO_x) 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 - 30**.

5.2 Ambient Noise level monitoring

During construction phase the ambient noise level likely to be generated due to excavation, construction and movement of vehicles. 3 locations were selected for monitoring the noise level. The test report of ambient noise recorded during the period of April 2025 - September 2025 is enclosed as **Annexure - 30**.

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 - 30**.

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 - 30**.

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



DR. H.MALLESHAPPA ,I.F.S.,
MEMBER SECRETARY



STATE LEVEL ENVIRONMENT
IMPACT ASSESSMENT AUTHORITY,
TAMILNADU,
3rd Floor, Panagal Maaligai,
No.1 Jeeris Road, Saidapet,
Chennai-15.

ENVIRONMENTAL CLEARANCE (EC)

Letter No. SEIAA/TN/F.509 /EC/ 8(b)/230/2012 dt:07.11.2013.

To

The Chief Operating Officer,
M/s. L & T South City Projects Ltd.,
TCTC Building, First Floor,
Mount Poonamalee Road, Manapakkam,
P.O. Box. 979, Chennai- 600 089

Sir,

Sub: SEIAA, TN - Environmental Clearance - Proposed construction of Residential Apartment - M/s L & T South City Projects Ltd. (Eden Park Phase 2) at S.No.90/3A1A, 3A1B (part), etc, Siruseri and Pudupakkam village , Chengalpattu Taluk, Kanchipuram District Tamil Nadu – Issued – Regarding

This has reference to your application dated 25-10-2011 submitted to the MoEF, GOI and the same was received back by State Level Environment Impact Assessment Authority, Tamil Nadu on 14-08-2012, seeking Environmental Clearance under the Environment Impact Assessment Notification, 2006, as amended.

It is noted, interalia that the project proposal involves to construct residential Apartment at S.No.90/3A1A,3A1B(PART) of Pudupakkam village & S.No.123,127/1,2,&3,130/1A,1B,10,11,12,13,14,15B,16,17A1B,17A2,17B1,17B 2,17B3,18,19,20,132/1A,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,139/2D(PART),3,4(P ART),5,6,7,8,9,10,151/3(PART),153/1,2A,2B,3,4,5,6,154/1,2,155/1,2,156/1,2,3, 4A,4B,5B,6,8A,9B1A,9B1B,9B2,10B,11,157/1(PART),2(PART),3(PART),4(PAR

Page 1 of 17

MEMBER SECRETARY,
SEIAA - TN

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ENVIRONMENTAL CLEARANCE (EC)

T),5(PART),6(PART),158/1(PART),2(PART),159/5(PART),7(PART),8(PART),11(PART),12(PART),160/2A1(PART),2A2,2B,3,4,5A,5B,6,161,162&163/4A(PART),4B(PART),5(PART),6 of Siruseri Village, Chengalpattu Taluk, Kancheepuram District, Tamil Nadu, comprising of Block A (4 Towers)--2 stilts+18 floors, Block B(3 Towers)-- 1 stilts+14 floors, Block C(7 Towers)-- 2 stilts+18 floors, Block D(1 Towers)--2 stilts+14 floors, Club House- Ground +1Floor, Retail- Ground +3 floors. Total no. of dwelling units – 3544 units. Total number of occupants is 17720. The area of the plot is 181137.29 m² and the built up area is 542148 m². The parking area as per report is 142434 m² respectively and green belt area is 44515.4 m²

Daily fresh water requirement for the project will be 1594.8 KLD, which will be met from CMWSSB. The sewage generated after treatment will be 2033.37 KLD out of which 797.4 KLD will be recycled for flushing, 207 KLD will be utilized for green belt development, & 1028.97 KLD will be for Panchayat Land Avenue plantation.

Solid Waste generation has been projected as 3.19 T/day out of which 0.8 T/day of Biodegradable waste will be decomposed through Organic waste converter and used as manure for gardening and 2.39 T/day of Non-Biodegradable / recyclable waste will be handed over to authorized recyclers as reported. The Bio-Sludge of 16 Kg/day will be used as manure for gardening.

The power required will be of 18.5 MW with backup power of 250 KVA: 3 nos with stack height 8.5 m from GL each, 320 KVA: 4 nos. with stack height 9 m from GL each. & 380 KVA: 8 nos. with stack height 9 m from GL each.

The total cost of the project is about Rs. 1028 Crores.

The Proponent has furnished an affidavit in Rupees Fifty stamp paper each stating that i) The Area Engineer of CMWSSB in his letter dated: 28/01/2009 has given a letter of commitment to supply 3110 KLD of water required during the entire period of operation. Hence we hereby commit that required water for entire operation period will be obtained from CMWSSB before handing over the

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ENVIRONMENTAL CLEARANCE (EC)

flats to the concerned owners. ii) The BDO of Thirupporur Panchayat Union and President of the Sirusori Village Panchayat have given a letter of commitment to receive the excess treated sewage water available after reusing for flushing and gardening and to utilize the excess treated sewage for avenue plantation/Parks maintained by village Panchayat as committed throughout the operation and shall not pollute the soil/ ground water/ adjacent canals/ lakes / ponds, etc due to the usage of treated water.

The project activity is covered in 8(b) of the Schedule and is of 'B2' category. It does not require Public Consultation as per Para 7(i) III Stage (3) (d) 'Public Consultation' of EIA Notification, 2006. Based on the application made in Form-1, Form-IA, Conceptual plan, Annexures, and the additional clarifications furnished by the proponent, the SEAC appraised vide in the 41st meeting held on 26th June, 2013 and SEAC decided to recommend to the SEIAA, Tamil Nadu to grant Environmental Clearance to this project. The proposal was considered by the SEIAA, Tamil Nadu vide Item No: 91-03 in its meeting held on 05-11-13 and the proposal was discussed in detail and resolved to issue EC. Accordingly, the SEIAA hereby accords Environmental Clearance to the above project under the provisions of EIA Notification dated 14th September, 2006 as amended, with validity for five years from the date of issue of EC, subject to the strict compliance of the terms and conditions stipulated below:

SPECIFIC CONDITIONS**Construction Phase**

- i) "Consent for Establishment" shall be obtained from the Tamil Nadu Pollution Control Board and a copy shall be submitted to the SEIAA, Tamil Nadu before taking up any construction activity at the site.
- ii) The entire water requirement during construction phase shall be met by transporting water through tankers, as committed.

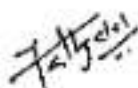
ENVIRONMENTAL CLEARANCE (EC)

- iii) 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.
- iv) The height and coverage of the constructions shall be in accordance with the existing FSI/FAR norms as per Coastal Regulation Zone Notification, 2011.
- v) STP design should be approved by Academic /Research Institution before the issue of CTE by TNPCB.
- vi) The approval of the competent authority shall be obtained for structural safety of the buildings due to earthquake, adequacy of fire fighting equipments, etc as per National Building Code including protection measures from lightning etc.
- vii) All required sanitary and hygienic measures should be in place before starting construction activities and they have to be maintained throughout the construction phase.
- viii) A First Aid Room shall be provided in the project site during the entire construction phase of the project.
- ix) Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The safe disposal of waste water and solid wastes generated during the construction phase should be ensured.
- x) 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.
- xi) The solid waste in the form of excavated earth excluding the top soil generated from the project activity shall be scientifically utilized for construction of approach roads and peripheral roads, as reported.

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ENVIRONMENTAL CLEARANCE (EC)

- xii) All the top soil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.
- xiii) Disposal of other 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.
- xiv) 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.
- xv) 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.
- xvi) The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.
- xvii) 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.
- xviii) 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.
- xix) Fly- Ash bricks 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.



ENVIRONMENTAL CLEARANCE (EC)

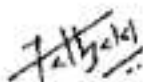
- xx) Ready-mix concrete of high quality should be used in building construction and necessary cub-tests should be conducted to ascertain their quality.
- xxi) Storm water control and its re-use shall be as per CGWB and BIS standards for various applications.
- xxii) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices prevalent.
- xxiii) 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.
- xxiv) 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.
- xxv) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material, to fulfill the requirement.
- xxvi) Adequate measures to reduce air and noise pollution during construction shall be adopted, conforming to norms prescribed by the TNPCB on noise limits.
- xxvii) 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.
- xxviii) The Project proponent is requested to indicate the probable date of commissioning of the project supported with necessary bar charts.
- xxix) Adequate fire protection equipments and rescue arrangements should be made as per the prescribed standards.
- xxx) Proper approach road for fire-fighting vehicles and for rescue operations in the event of emergency shall be made.

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- xxxi) Design of buildings should be in conformity with the Seismic Zone Classifications.
- xxxii) All ECBC norms have to be adopted.
- xxxiii) 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 contractions due to exposure to dust and take corrective measures, if needed.
- xxxiv) 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.

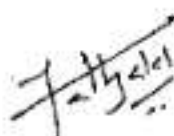
Operation Phase

- i. The Proponent should be responsible for the maintenance of common facilities including greening, rain water harvesting, sewage disposal, solid waste disposal and environmental monitoring including terrace gardening for a period of 1 year as committed. 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.
- ii. The entire water requirement during operation phase shall be met from CMVSSB and required permission from CMVSSB shall be obtained as committed in the affidavit for the supply of 3110 KLD.



ENVIRONMENTAL CLEARANCE (EC)

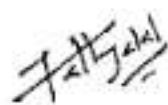
- iii. Flats should be handed over to the customers only after obtaining required permission from CMWSSB for drawal of water supply from its sources as committed in the Affidavit or before obtaining of completion certificate.
- iv. The Proponent as committed shall utilize 797.4 for flushing, 207 KLD for Green Belt development, & 1028.97 KLD has to be for used for avenue plantation of Siruseri Village Panchayat as committed in the Affidavit before handing over of flats to the allottees or before obtaining completion certificate from local body scientifically throughout the period of operation as committed. The area allotted for gardening/Green belt shall not be used for any other construction activity.
- v. There shall be no drawal of ground water.
- vi. The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.
- vii. The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the SEIAA, TN before the project is commissioned for operation. Treatment effluent emanating from STP shall be recycled / reused to the maximum extent possible. Treatment of 100 % grey water by decentralized treatment should be done. Discharge of unused treated effluent shall conform to the norms and standards of the Tamil Nadu State Pollution Control Board. Necessary measures should be made to mitigate the odour and mosquito problem from STP. Explore the less power consuming systems viz. baffle reactor etc. for the treatment of sewage.
- viii. The Proponent shall install STP unit of Bar Screen Chamber, Equalization Tank, Aeration tank, Secondary settling tank, Alum doser, Clarified water tank, Pressure sand filter, Activated carbon filter, Filter press & UV treatment as committed (STP's of Capacity of 400KLD &



ENVIRONMENTAL CLEARANCE (EC)

1650 KLD each) and operated continuously to achieve the standards prescribed by the Tamil Nadu Pollution Control Board.

- ix. The Proponent shall operate STP continuously by providing DG set in case of power failure.
- x. It is the sole responsibility of the proponent/Owner of the Flats that the treated sewage water disposed for green belt development/ avenue plantation should not pollute the soil/ ground water/ adjacent canals/ lakes/ ponds, etc.
- xi. Adequate measures should be taken to prevent odour emanating from solid waste processing plant and STP.
- xii. The Biodegradable solid waste, Non - Biodegradable solid waste, STP sludge, etc generated from the project activity shall be properly collected, segregated and disposed as committed, and as per the provision of Solid Waste (Management and Handling) Rules, 2000.
- xiii. The biodegradable municipal solid waste shall be decomposed through Organic waste converter and the manure shall be used as compost for green belt development/ avenue plantation as committed.
- xiv. The Plastic wastes shall be segregated and disposed as per the provisions of Plastic Waste (Management & Handling) Rules 2011.
- xv. The e - waste generated should be collected and disposed to a nearby authorized e-waste centre as per e waste (Management & Handling), Rules 2011.
- xvi. 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. The location of the DG sets may be decided with the consultation of Tamil Nadu Pollution Control Board.



ENVIRONMENTAL CLEARANCE (EC)

- xvii. The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from the Chief Controller of Explosives shall be taken.
- xviii. The acoustic enclosures shall be installed at all noise generating equipments such as DG sets, air conditioning systems, etc. and the noise level shall be maintained as per MoEF/CPCB/TNPCB guidelines/norms both during day and night time.
- xix. Spent oil from D.G sets should be stored in HDPE drums in an isolated covered facility and disposed as per the Hazardous Wastes (Management, Handling, Transboundary Movement) Rules 2008. Spent oil from D.G sets should be disposed off through registered recyclers.
- xx. The proponent/Owner of the Flats 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.
- xxi. The proponent should also ensure that necessary trenches for openings shall be provided at periodic intervals along the compound wall, so as to let out the storm water during rainy season, without stagnation / ponding.
- xxii. The proponent/Owner of the Flats shall ensure that roof rain water run-off collected from the covered roof of the buildings, etc shall be scientifically harvested so as to ensure the maximum beneficiation of rain water harvesting. It shall be stored in a sump of 1nos. of 1400 KLD capacity and reused.
- xxiii. 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. The Proponent shall provide 14nos. of borewells / percolation pits/ etc. as committed. The borewells / percolation pits/ etc.

ENVIRONMENTAL CLEARANCE (EC)

for rainwater recharging should be kept at least 5 mts. above the highest ground water table.

- xxiv. Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. A hybrids system or fully solar system for a portion of the apartments shall be provided.
- xxv. 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.
- xxvi. 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. 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. Use of solar panels may be done to the extent possible.
- xxvii. 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 MoEF norms.
- xxviii. The proponent shall issue plans showing Separate pipelines marked with different colour 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

ENVIRONMENTAL CLEARANCE (EC)

- vii. Power cable
- viii. Storm water drain
- ix. Rain water harvesting system

to all the allottees/owners while executing the allotment order/sale deed.

- xxix. A First Aid Room shall be provided during operation of the project, with necessary equipments and life- saving medicines.
- xxx. The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use. The open spaces inside the plot shall be suitably landscaped and covered with vegetation of suitable variety.
- xxxi. Incremental pollution loads on the ambient air quality, noise and water quality shall be periodically monitored after commissioning of the project.
- xxxii. No construction activity of any kind shall be taken up in the OSR area. Consent of the local body concerned should be obtained for using the secondary treated sewage in the OSR area.
- xxxiii. The building should have adequate distance between them to allow free movement of fresh air and passage of natural light, air and ventilation. Landscape plan to be revised accordingly.
- xxxiv. A terrace garden shall be developed and maintained continuously by the Proponent as committed.
- xxxv. The amount earmarked by the proponent under CSR activity (Capital Cost=Rs 500 Lakhs) should be used only for such activities as committed by the proponent.

GENERAL CONDITIONS

- i) The Construction of the structures should be undertaken as per the plans approved by the concerned local authorities/local administration.
- ii) It is mandatory for the Project proponent to furnish to the SEIAA, Half yearly compliance report in Hard and Soft copies on 1st June and 1st



ENVIRONMENTAL CLEARANCE (EC)

December of each calendar year in respect of the conditions stipulated in the prior Environmental Clearance.

- iii) In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained.
- iv) A copy of the clearance letter shall be sent by the proponent to the Commissioner of Corporation/ municipalities/ executive officers of town panchayat / Block development officers of panchayat union whichever is applicable and the Local NGO, if any, from whom suggestions /representations, if any, have been received while processing the proposal. The clearance letter shall also be put on the website of the Proponent.
- v) The SEIAA reserves the right to add additional safeguard measures subsequently, if non-compliance of any of the EC conditions are found and to take action, including revoking of this Environmental Clearance as the case may be.
- vi) 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.
- vii) The project authorities should advertise with basic details at least in two local newspaper widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at website of SEIAA, TN and a copy of the same should be forwarded to the Regional Office of the Ministry of Environment and Forests located at Bangalore.

Fathy Abdel

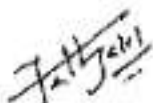
**MEMBER SECRETARY,
SEIAA -TN**

ENVIRONMENTAL CLEARANCE (EC)

- viii) Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it is found that Construction of the project has been started without obtaining Environmental Clearance, and for any other action resulting in violation of any condition stipulated in the Environmental Clearance.
- ix) 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, Bengaluru, the respective Zonal Office of CPCB, Bengaluru and the TNPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- x) A copy of the Environmental clearance (EC) letter shall be issued to all the allottees / owners while executing the allotment order / sale deed/ before handing over of the building to allottees.
- xi) 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.
- xii) The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Bangalore. Funds for CSR activity shall be allotted and used for that purpose and separate account shall be maintained.
- xiii) The Regional Office of the Ministry located at Bangalore 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.

ENVIRONMENTAL CLEARANCE (EC)

- xiv) The project proponent shall submit six - monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Bangalore, the respective Zonal Office of Central Pollution Control Board, SEIAA TN and the State Pollution Control Board.
- xv) 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 along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Bangalore by e-mail.
- xvi) This 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.
- xvii) 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.
- xviii) 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.
- xix) 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



ENVIRONMENTAL CLEARANCE (EC)

or inadequate data for obtaining the environmental clearance.

- xx) 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.
- xxi) The above 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, including the Hon'ble National Green Tribunal relating to the subject matter.
- xxii) Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa foundation Vs. Union of India in Writ petition (Civil) No.460 of 2004 as may be applicable to this project.
- xxiii) 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.

**MEMBER SECRETARY,
SEIAA -TN**

Copy to:-

1. The Principal 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.

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ENVIRONMENTAL CLEARANCE (EC)

3. The Member Secretary, Tamil Nadu Pollution Control Board,
76, Mount Salai, Guindy, Chennai-600 032.
4. The CCF, Regional Office, Ministry of Environment & Forest (SZ),
Kendriya Sadan, IV floor, E&F wings, 17th Main Road,
Koramangala II Block, Bangalore - 560034.
5. Monitoring Cell, I A Division, Ministry of Environment & Forests,
Paryavaran Bhavan, CGO Complex, New Delhi 110003.
6. Stock File.



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[Signature]
MEMBER SECRETARY,
SEIAA -TN



TAMILNADU POLLUTION CONTROL BOARD

Category of the Industry :

RED



CONSENT ORDER NO. 2308251984409 DATED: 09/08/2023.

PROCEEDINGS NO.T2/TNPCB/F.0999MMN/RL/MMN/A/2023 DATED: 09/08/2023

SUB: Tamil Nadu Pollution Control Board - RENEWAL OF CONSENT -M/r. L & T SOUTH CITY PROJECTS LIMITED - EDEN PARK (PHASE - 2) , S.F.No. 90/3A1A, 3A1B (part) of Pudupakkam village & 123, 127/1, 2, 3, 130/1A, 1B, 10-14, 15B,16, 17A1B, 17A2, 17B1, B2,B3,18-20, 132/1A, 1B, 3, 133, 134/1A1, 1A2, 1B, 1C, 1D, 2A, 2B, 135/1, 2, 136/1-5, 6A,6B, 6C,7, 137/1, 2, 138/1,2A, 2B1,2B2,3,4, 5A, 5B, 139/2D(Part), 3, 4(part), 5-10, 151/3(Part), 153/1, 2A, 2B, 3-6, 154/1,2,155/1,2,156/1-3, 4A, 4B, 5B, 6, 8A, 9B1A,9B1B,9B2, 10B, 11,157/1 (Part), 2(Part), 3(Part), 4(Part), 5(Part), 6(Part), 158/1(Part), 2(Part), 159/5(Part), 7(Part), 8(Part), 11(Part), 12(Part), 160/2A1(Part), 2A2,2B,3,4,5A,5B,6,161,162 & 163/4A(Part), 4B(Part), 5(Part), 6 of , SIRUCHERRI village, Vandalur Taluk and Chengalpattu District - Renewal of Consent for the operation of the plant and discharge of emissions under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987 (Central Act 14 of 1981) -Issued- Reg.

REF: 1. PROCEEDINGS NO.T3/TNPCB/F.0999MMN/RL/MMN/W&A/2023 DATED: 18/01/2023.
2. Unit's application no. 51984409 DATED: 17.05.2023.
3. IR.No : F.0999MMN/RL/AE/MMN/2023 dated 20/07/2023.

RENEWAL OF CONSENT is hereby granted under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987 (Central Act 14 of 1981) (hereinafter referred to as "The Act") and the rules and orders made there under to

The General Manager

M/s . L & T SOUTH CITY PROJECTS LIMITED - EDEN PARK (PHASE - 2)

S.F.No. 90/3A1A, 3A1B (part) of Pudupakkam village & 123, 127/1, 2, 3, 130/1A, 1B, 10-14, 15B,16, 17A1B, 17A2, 17B1, B2,B3,18-20, 132/1A, 1B, 3, 133, 134/1A1, 1A2, 1B, 1C, 1D, 2A, 2B, 135/1, 2, 136/1-5, 6A,6B, 6C,7, 137/1, 2, 138/1,2A, 2B1,2B2,3,4, 5A, 5B, 139/2D(Part), 3, 4(part), 5-10, 151/3(Part), 153/1, 2A, 2B, 3-6, 154/1,2,155/1,2,156/1-3, 4A, 4B, 5B, 6, 8A, 9B1A,9B1B,9B2, 10B, 11,157/1 (Part), 2(Part), 3(Part), 4(Part), 5(Part), 6(Part), 158/1(Part), 2(Part), 159/5(Part), 7(Part), 8(Part), 11(Part), 12(Part), 160/2A1(Part), 2A2,2B,3,4,5A,5B,6,161,162 & 163/4A(Part), 4B(Part), 5(Part), 6 of

SIRUCHERRI Village

Vandalur Taluk

Chengalpattu District.

Authorizing the occupier to operate the industrial plant in the Air Pollution Control Area as notified by the Government and to make discharge of emission from the stacks/chimneys.

This is subject to the provisions of the Act, the rules and the orders made there under and the terms and conditions incorporated under the Special and General conditions stipulated in the Consent Order issued earlier and subject to the special conditions annexed.

This RENEWAL OF CONSENT is valid for the period ending **March 31, 2025**



TAMILNADU POLLUTION CONTROL BOARD

S RAJAN

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RAJAN

Date: 2023.08.15

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For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai





TAMILNADU POLLUTION CONTROL BOARD

SPECIAL CONDITIONS

1. This renewal of consent is valid for operating the facility for the manufacture of products (Col. 2) at the rate (Col. 3) mentioned below. Any change in the products and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Sl. No.	Description	Quantity	Unit
Product Details			
1.	Residential Apartment with Block - A (1 Tower) - 2 Stilt + 18 floors, Block - B (1 Tower) - 1 Stilt + 14 floors, Block - C (2 Towers) - 2 Stilt + 18 floors & Club house - Ground + 1 Floor having total built up area of 1,56,469 m ² including 32,299 m ² of covered parking area in stilt floors & open parking area of 975 m ²	1000	Dwelling Units

2. This renewal of consent is valid for operating the facility with the below mentioned emission/noise sources along with the control measures and/or stack. Any change in the emission source/control measures/change in stack height has to be brought to the notice of the Board and fresh consent/Amendment has to be obtained.

I Point source emission with stack :				
Stack No.	Point Emission Source	Air pollution Control measures	Stack height from Ground Level in m	Gaseous Discharge in Nm ³ /hr
1	DG Set - 320 KVA - 1 No	Stack	9	
2	DG Set - 125 KVA - 1 No	Stack	9	
3	DG Set - 320 KVA - 1 No	Stack	9	
4	DG Set - 500 KVA - 1 No	Stack	9	
5	DG 500 KVA - 1 No	Stack	9	
6	DG Set 160 KVA - 1 No	Stack	9	
II Fugitive/Noise emission :				
Sl. No.	Fugitive or Noise Emission sources	Type of emission	Control measures	
1.	DG Sets	Noise	Acoustic Enclosures	

Special Additional Conditions:

The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.

The industries shall take all efforts to use and popularize "Mission LIFE" logo and mascot which is available in TNPCB & MoEFCC website. They shall also request their employees to adopt "Mission LIFE" action points and document the same and furnish half yearly report to Board.

Additional Conditions:



TAMILNADU POLLUTION CONTROL BOARD

1. The conditions stipulated in the Environmental Clearance issued by the SEIAA-TN vide letter No. SEIAA/TN/F_509/EC/8 (b)/230/2012 dated: 07/11/2013 shall be complied with at all times and shall submit six months compliance report of EC conditions to SEIAA-TN /TNPCB.
2. Project Proponent shall carry out the remaining construction (phase II) only with valid environmental clearance and CTE of the Board.
3. In accordance with Item No.9 of the EIA Notification, 2006, the unit shall possess valid EC while applying for CTO (phase II) of the Board.
4. In accordance with Item No.11 of the EIA Notification, 2006, any new industry shall obtain NOC from MoEF/ SEIAA in the event of transfer of original EC in a different name.
5. It shall be ensured that no process emission is let out from the activity under any circumstances and at any point of time.
6. The emissions let out from the stack provided to the DG set shall achieve the Ambient Air quality /Ambient Noise Level Standards prescribed by the Board.
7. The unit shall comply with the CPCB Guidelines for the in-house Generators (Noise & Emission).
8. The operation of the unit shall not attract any nuisance to the nearby public complaints
9. The unit shall submit the e-waste returns periodically generated by the Occupants in Form-2 as prescribed in the E-Waste (Management and Handling) Rules, 2016. The unit shall furnish the agreement made with the authorized e-waste recycling units for the disposal of e-waste generated in the premises
10. Adequate green belt shall be developed with native species and maintained within the premises.
11. The Proponent / residential complex shall continue to develop greenbelt by planting tall saplings (miyawaki method) all along the compound wall [Minimum 1m width] within the unit premises so as to cover 25% of the total area.
12. In case of revision of consent fee by the Government, the unit shall remit the difference in amount within one month from the date of notification. Failing to remit the consent fee, this consent order will be withdrawn without any notice and further action will be initiated against the unit as per law.
13. This consent order does not absolve from obtaining necessary permission / clearance from other Authority or under other Statute as applicable.

S RAJAN

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RAJAN

Date: 2023.08.15 12:52:49

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**For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai**

To
The General Manager,
M/s.L & T SOUTH CITY PROJECTS LIMITED - EDEN PARK (PHASE - 2),
L & T South City Projects Limited,
MR Radha Main Road, Siruseri & Pudupakkam Village, Vandalur Taluk, Chengalpattu District
Pin: 603103

Copy to:

1. The Commissioner, TIRUPORUR-Panchayat Union, Vandalur Taluk, Chengalpattu District.
2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, MARAIMALAI NAGAR.
3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Chennai.
4. File



TAMILNADU POLLUTION CONTROL BOARD

Category of the Industry :

RED



CONSENT ORDER NO. 2308151984409 DATED: 09/08/2023.

PROCEEDINGS NO.T2/TNPCB/F.0999MMN/RI/MMN/W/2023 DATED: 09/08/2023

SUB: Tamil Nadu Pollution Control Board - RENEWAL OF CONSENT – M/s. L & T SOUTH CITY PROJECTS LIMITED - EDEN PARK (PHASE - 2) , S.F.No. 90/3A1A, 3A1B (part) of Pudupakkam village & 123, 127/1, 2, 3, 130/1A, 1B, 10-14, 15B,16, 17A1B, 17A2, 17B1, B2,B3,18-20, 132/1A, 1B, 3, 133, 134/1A1, 1A2, 1B, 1C, 1D, 2A, 2B, 135/1, 2, 136/1-5, 6A,6B, 6C,7, 137/1, 2, 138/1.2A, 2B1,2B2,3,4, 5A, 5B, 139/2D(Part), 3, 4(part), 5-10, 151/3(Part), 153/1, 2A, 2B, 3-6, 154/1,2,155/1,2,156/1-3, 4A, 4B, 5B, 6, 8A, 9B1A,9B1B,9B2, 10B, 11,157/1 (Part), 2(Part), 3(Part), 4(Part), 5(Part), 6(Part), 158/1(Part), 2(Part), 159/5(Part), 7(Part), 8(Part), 11(Part), 12(Part), 160/2A1(Part), 2A2,2B,3,4,5A,5B,6,161,162 & 163/4A(Part), 4B(Part), 5(Part), 6 of , SIRUCHERRI village, Vandalur Taluk and Chengalpattu District - Renewal of Consent for the operation of the plant and discharge of sewage and/or trade effluent under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act 6 of 1974) – Issued- Reg.

REF: 1. PROCEEDINGS NO.T3/TNPCB/F.0999MMN/RL/MMN/W&A/2023 DATED: 18/01/2023.
2. Unit's application no. 51984409 DATED: 17.05.2023.
3. IR.No : F.0999MMN/RL/AE/MMN/2023 dated 20/07/2023.

RENEWAL OF CONSENT is hereby granted under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act, 6 of 1974) (hereinafter referred to as "The Act") and the rules and orders made there under to

The General Manager

M/s . L & T SOUTH CITY PROJECTS LIMITED - EDEN PARK (PHASE - 2)

S.F No. 90/3A1A, 3A1B (part) of Pudupakkam village & 123, 127/1, 2, 3, 130/1A, 1B, 10-14, 15B,16, 17A1B, 17A2, 17B1, B2,B3,18-20, 132/1A, 1B, 3, 133, 134/1A1, 1A2, 1B, 1C, 1D, 2A, 2B, 135/1, 2, 136/1-5, 6A,6B, 6C,7, 137/1, 2, 138/1.2A, 2B1,2B2,3,4, 5A, 5B, 139/2D(Part), 3, 4(part), 5-10, 151/3(Part), 153/1, 2A, 2B, 3-6, 154/1,2,155/1,2,156/1-3, 4A, 4B, 5B, 6, 8A, 9B1A,9B1B,9B2, 10B, 11,157/1 (Part), 2(Part), 3(Part), 4(Part), 5(Part), 6(Part), 158/1(Part), 2(Part), 159/5(Part), 7(Part), 8(Part), 11(Part), 12(Part), 160/2A1(Part), 2A2,2B,3,4,5A,5B,6,161,162 & 163/4A(Part), 4B(Part), 5(Part), 6 of

SIRUCHERRI Village

Vandalur Taluk

Chengalpattu District.

Authorising the occupier to make discharge of sewage and /or trade effluent.

This is subject to the provisions of the Act, the rules and the orders made there under and the terms and conditions incorporated under the Special and General conditions stipulated in the Consent Order issued earlier and subject to the special conditions annexed.

This RENEWAL OF CONSENT is valid for the period ending **March 31, 2025**



TAMILNADU POLLUTION CONTROL BOARD

S RAJAN

Digitally signed by S

RAJAN

Date: 2023.08.15

12:54:00 +05'30'

For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai





TAMILNADU POLLUTION CONTROL BOARD

SPECIAL CONDITIONS

1. This renewal of consent is valid for operating the facility for the manufacture of products/byproducts (Col. 2) at the rate (Col 3) mentioned below. Any change in the product/byproduct and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Sl. No.	Description	Quantity	Unit
Product Details			
1.	Residential Apartment with Block - A (1 Tower) - 2 Stilt + 18 floors, Block - B (1 Tower) - 1 Stilt + 14 floors, Block - C (2 Towers) - 2 Stilt + 18 floors & Club house - Ground + 1 Floor having total built up area of 1,56,469 m ² including 32,299 m ² of covered parking area in stilt floors & open parking area of 975 m ²	1000	Dwelling Units

2. This renewal of consent is valid for operating the facility with the below mentioned outlets for the discharge of sewage/trade effluent. Any change in the outlets and the quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Outlet No.	Description of Outlet	Maximum daily discharge in KLD	Point of disposal
Effluent Type : Sewage			
1.	Sewage -I	222.0	Utilizing for Toilet flushing
2.	Sewage -II	200.0	On land for gardening
3.	Sewage -III	196.0	Local body/Avenue plantation
Effluent Type : Trade Effluent - NIL			

Special Additional Conditions:

The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.

The industries shall take all efforts to use and popularize "Mission LiFE" logo and mascot which is available in TNPCB & MoEFCC website. They shall also request their employees to adopt "Mission LiFE" action points and document the same and furnish half yearly report to Board.

Additional Conditions:



TAMILNADU POLLUTION CONTROL BOARD

1. The conditions stipulated in the Environmental Clearance issued by the SEIAA-TN vide letter No. SEIAA/TN/F.509/EC/8 (b)/230/2012 dated: 07/11/2013 shall be complied with at all times and shall submit six months compliance report of EC conditions to SEIAA-TN /TNPCCB.
2. Project Proponent shall carry out the remaining construction (phase II) only with valid environmental clearance and CTE of the Board.
3. In accordance with Item No.9 of the EIA Notification, 2006, the unit shall possess valid EC while applying for CTO (phase II) of the Board.
4. In accordance with Item No.11 of the EIA Notification, 2006, any new industry shall obtain NOC from MoEF/ SEIAA in the event of transfer of original EC in a different name.
5. Sewage Treatment Plant shall be operated and maintained efficiently and continuously for the treatment of sewage generation from the activity so as to bring the quality of treated sewage to satisfy the discharge standards prescribed by the Board.
6. EMFMs with automatic recorder and display arrangement at the inlet/outlet of STP with separate energy meter provided shall be maintained properly for continuous operation & monitoring of flow & records in this regard shall be maintained for inspection.
7. It shall be taken action to calibrate the Electromagnetic Flow meters provided in the STP periodically only through approved laboratories of Weights and Measures Department for display of correct readings at all time and furnish calibration certificate periodically to the Board.
8. It shall be taken action to install the OCEMS in the outlet of STP by following the procedure and guidelines for OCEMS 2018 as recommended by CPCB for continuous monitoring of treated waste water parameters by making connectivity with WQW of TNPCCB within 3 months as committed and furnish report to Board.
9. The treated sewage shall be utilized for Green belt development, toilet flushing after achieving the standards prescribed by the Board. Treated sewage samples shall be collected and analysed thro' TNPCCB Laboratory regularly and furnish report of analysis (ROA) to TNPCCB periodically.
10. The sludge generated from STP shall be used as manure for gardening.
11. Project Proponent shall always possess valid permission from competent authority for supply of fresh water. The agreement made with the water supplier shall be furnished within 15 days to the Board, along with the water source for the supplier and the permission obtained from concerned authority shall also be furnished.
12. Receipt of fresh water supply from local body shall be furnished for past six months with qty of supply, authenticated receipt & bill payment etc to check its compliance.
13. Project Proponent shall always possess valid permission from competent authority for disposal of treated sewage (STP surplus treated water) for avenue plantation and supporting details shall be provided related to method of daily collection, transport and areas of utilisation of treated sewage in the village panchayat with vehicles under usage for regular operation.
14. It is the sole responsibility of the Project proponent to provide fresh water supply from approved sources to the occupants with necessary permission and to ensure proper disposal of excess treated sewage through Avenue plantation with necessary permission.
15. The Proponent / residential complex shall ensure that residents welfare association shall apply for fresh consent to operate for the common utilities which includes Sewage Treatment Plants, DG sets Organic Waste Convertor, etc under the Water (P&CP) Act, 1974 and Air (P&CP) Act,1981 as per the B.P.Ms. No.65 dated 27/11/2019.
16. It is the sole responsibility of the Project proponent to intimate to TNPCCB regarding the transfer of the building to the Society/ Welfare Association.
17. The Proponent / residential complex shall operate the ultra filtration system and the part of treated sewage may be utilized for toilet flushing after meeting the required standards
18. Project proponent shall maintain good housekeeping.
19. It shall be ensured that no trade effluent is generated at any stage of its activity.
20. Project proponent shall maintain the dual plumbing system for the utilisation of treated waste water for gardening/green belt development after satisfying the standards prescribed by the Board.
21. Project proponent shall ensure that the excess treated sewage shall not find access to any nearby water body at any point of time.
22. Project proponent shall maintain good housekeeping.
23. The bio degradable solid waste, non-bio degradable solid waste, STP sludge, etc., generated from the activity shall be properly collected, segregated and disposed as per the provision of Solid waste Management Rules, 2016 without accumulation within the premises.
24. Food waste from canteen & other organic waste shall be collected separately and treated using composting and the treated compost shall be used as manure for gardening. Report on status of operation of Organic Waste Convertor mentioning capacity installed with performance and qty of treatment of bio-degradable waste daily and records being maintained in this regard with photo so as to check the compliance of continuous operation.
25. STP tanks shall not be cleaned manually and it should be carried out only by mechanical system with high level supervision.
26. Plastic wastes shall be collected segregated and disposed for recycling as per the provisions of



TAMILNADU POLLUTION CONTROL BOARD

Plastic Waste (Management and Handling) Rules, 2016.

27. 'Single use and Throwaway plastic items' such as plastic sheets used for food wrapping, spreading on dining table etc., plastic plates, plastic coated tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bag and plastic flags irrespective of thickness, shall not be used within the premises. Instead, it shall encourage use of eco-friendly alternative such as banana leaf, areca nut palm plate, stainless steel, glass, porcelain plates/cups, cloth bag, Jute bag etc.,

28. E-waste generation shall be managed as per the provisions of the E- waste Management Rules, 2016. E-waste as listed in Schedule-I generated shall be channelized through collection centre or dealer of authorized producer or dismantler or recycler or through the designated take back service provider of the producer to authorized dismantler or recycler. The unit shall maintain records of e - waste generated by them in Form-2 and make such records available for scrutiny by the TNPCB. The unit shall file annual returns in Form -3 , to the TNPCB on or before the 30th day of June following the financial year.

29. The unit shall comply with the provisions of the Hazardous and Other Wastes (M&TM) Rules, 2016

30. Rain water harvesting system installed within the premises shall be maintained properly so as to recharge the ground water.

31. The unit's activity shall not attract any complaint from the nearby public.

32. The unit shall submit Environmental Statement for every financial year ending the 31st March in Form -V as per the Rule 14 of the Environment (Protection) Rules, 1986.

33. In case of revision of consent fee by the Government, the unit shall remit the difference in amount within one month from the date of notification. Failing to remit the consent fee, this consent will be withdrawn without any notice and further action will be initiated against the unit as per law.

34. This consent order does not absolve from obtaining necessary permission / clearance from other Authority or under other Statute as applicable.

S RAJAN

Digitally signed by S

RAJAN

Date: 2023.08.15

12:54:30 +05'30'

**For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai**

To
The General Manager,
M/s.L & T SOUTH CITY PROJECTS LIMITED - EDEN PARK (PHASE - 2),
L & T South City Projects Limited,
MR Radha Main Road, Siruseri & Pudupakkam Village, Vandalur Taluk, Chengalpattu District
Pin: 603103

Copy to:

- 1.The Commissioner, TIRUPORUR-Panchayat Union, Vandalur Taluk, Chengalpattu District .
 2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, MARAIMALAI NAGAR.
 3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Chennai.
 4. File
-



TAMILNADU POLLUTION CONTROL BOARD





TAMILNADU POLLUTION CONTROL BOARD

CONSENT ORDER NO. : 6247

Proceedings, No. : T11/TNPCB/F.3605/MMN/OL/A/2014 Dated: 14.05.2014

Sub: TAMIL NADU POLLUTION CONTROL BOARD - CONSENT FOR ESTABLISHMENT - M/s. L & T South City Projects Limited - Eden Park (Phase-2) SF.No. 90/3A1A, 3A1B (part) of Pudupakkam Village & 123, 127/1, 2, 3, 130/1A, 1B, 10-14,15B,16, 17A1B, 17A2, 17B1, B2,B3,18-20, 132/1A, 1B, 3, 133, 134/1A1,1A2, 1B,1C,1D, 2A, 2B, 135/1, 2, 136/1-5, 6A,6B, 6C,7, 137/1, 2,138/1,2A, 2B1,2B2,3,4, 5A, 5B, 139/2D(PART), 3, 4(Part), 5-10,151/3(Part), 153/1, 2A, 2B, 3-6, 154/1,2, 155/1,2,156/1-3, 4A, 4B, 5B, 6, 8A, 9B1A,9B1B,9B2, 10B, 11,157/1(Part), 2(Part), 3(Part), 4 (Part), 5(Part), 6(Part), 158/1(Part),2 (Part), 159/5(part), 7(Part), 8(Part),11(Part), 12(Part), 160/2A1(Part), 2A2, 2B, 3, 4, 5A, 5B, 6, 161, 162 & 163/4A(Part), 4B(Part), 5(Part),6 of Siruseri Village Thiruporur Taluk, Kancheepuram District - For the establishment or take steps to establish the industry under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended in 1987 (Central Act, 14 of 1981)-Reg.

- Ref:** 1. YourApplicationNo.CC18569 dated: 30.12.2013.
2. IR No. : F.MMN2300/OL/DEE/MMN/2013/dated: 27.01.2014
3. Board's (Technical Sub Committee) Resolution No.94-8 dated: 09.05.2014.

Consent to establish or take steps to establish is hereby granted under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended in 1987 and the Rules and Orders made there under to

The Head-Projects,

M/s. L & T South City Projects Limited - Eden Park (Phase-2)

(hereinafter referred to as 'The Applicant') authorizing him to establish or take steps to establish the industry in the site mentioned below:

90/3A1A, 3A1B (part) of Pudupakkam Village &
123,127/1,2,3,130/1A,1B,10-14,15B,16,17A1B,17A2,17B1,B2,B3,
18-20,132/1A,1B,3,133,134/1A1,1A2,1B,1C,1D,2A,2B,135/1,2,
136/1-5,6A,6B,6C,7,137/1,2,138/1,2A,2B1,2B2,3,4,5A,5B,
139/2D (PART), 3,4(Part),5-10,151/3(Part),153/1,2A,2B,3-6,
154/1,2,155/1,2,156/1-3,4A,4B,5B,6,8A,9B1A,9B1B,9B2,
10B,11,157/1(Part),2(Part),3(Part),4(Part),5(Part),
6(Part),158/1(Part),2 (Part), 159/5(part), 7(Part), 8(Part),
11(Part),12(Part),160/2A1(Part),2A2,2B,3,4,5A,5B,6,161,162&
163/4A(Part),4B(Part),5(Part),6 of Siruseri Village, Thiruporur Taluk,
Kancheepuram District



TAMILNADU POLLUTION CONTROL BOARD

This Consent to establish is valid for **two years** or till the industry obtains consent to operate under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended in 1987 whichever is earlier subject to special and general conditions enclosed.

Sd/-xxxx
Chairman

To

The Head-Projects,
M/s. L & T South City Projects Limited – Eden Park (Phase-2)
TC-1 Building, Second Floor,
Mount Poonamalee Road,
Manapakkam,
Post Box No. 979,
Chennai – 600 089.

Copy to

1. The District Environmental Engineer,
Tamil Nadu Pollution Control Board,
Maraimalai Nagar.
2. The Commissioner,
Thiruporur Panchayat union,
Thiruporur.
3. Board Meeting Section.
4. Technical File.

//Forwarded by order//

S. for 2nd 8/11
14/5/14
For Chairman



TAMILNADU POLLUTION CONTROL BOARD

SPECIAL CONDITIONS

1. This consent to establish is valid for establishing the facility for the manufacture of products/byproducts (Col. 2) at the rate (Col 3) mentioned below. Any change in the product/byproduct and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Description	Quantity
Main Products manufactured:	
Residential Apartment with Block – A (4 Towers) – 2 Stilt +18 floors, Block – B (3 Towers) – 1 Stilt + 14 floors, Block –C (7 Towers) - 2 Stilt + 18 floors, Block – D (1 Tower) -2 Stilt +14 floors, & Club House - Ground +1 floor, Retail – Ground +3 floors having total Built up area of 5,42,148 m2 including 1,39,521 m2 of covered Parking area in stilt floors & open parking area of 2913 m2- 3544 dwelling units	
By/Intermediate products manufactured: NIL	

2. This consent to establish is valid for establishing the facility with the below mentioned emission/noise sources along with the control measures and/or stack. Any change in the emission source/control measures/change in stack height has to be brought to the notice of the Board and fresh consent has to be obtained if necessary.

Chimney/Stack No.	Description of Chimney	Maximum Discharge in m ³ /hr	Point of Discharge-in meters (Above Ground level)
1-3	DG set – 250 KVA-3 No	-	8.5 (each)
4-7	DG set- 320 KVA – 4 Nos.	-	9.0 (each)
8-15	DG set – 380 KVA – 8 Nos.	-	9.0 (each)

4. The unit shall comply with the conditions imposed in the environmental clearance obtained from the SEIAA vide its clearance No. SEIAA/TN/F.509/EC/8 (b)/230/2012, dt.07.11.2013.



TAMILNADU POLLUTION CONTROL BOARD

5. The unit shall obtain and furnish Planning permission and building permit for block D (1 Tower (4BHK Tower with total built up of 32,629Sq m)) from competent authority.
3. The unit shall provide stack of adequate height for discharge of emissions from the diesel generator set as proposed and ensure that the emissions let out shall satisfy the standards prescribed by the Board.
4. The unit shall provide acoustic measures for the DG set to meet the noise level standards prescribed for residential area.
5. The unit shall adopt safe and environment friendly management practices within the premises.
6. The unit shall coordinate with the local police and workout schemes for the regulating of the increased traffic flow in the area due to this project.
7. This consent order does not absolve from obtaining necessary permission/ Clearance from other Authority or under other statutes as applicable.

//Forwarded by order//

Sd/-xxxx
Chairman

J. S. 20
14/5/14
For Chairman



TAMILNADU POLLUTION CONTROL BOARD

GENERAL CONDITIONS

1. The above consent to establish cannot be construed as consent to operate and the unit shall not commence the operation without obtaining the Consent to operate.
2. The applicant shall make a request for grant of consent to operate at least thirty days, before the commissioning of trial production.
3. Any Change in the details furnished in the conditions has to be brought to the notice of the Board and got approved by the Board, before obtaining consent to operate under the said Act.
4. The unit has to comply with the provisions of Public Liability Insurance Act, 1991 to provide immediate relief in the event of any hazard to human beings, other living creatures/plants and properties while handling and storage of hazardous substances (wherever applicable).
5. Consent to operate will not be issued unless the unit complies with the conditions of consent to establish.
6. The unit shall provide adequate water sprinklers for the control of dust emission during the loading and unloading of construction material so as to minimize the dust emission.
7. The unit shall provide water sprinklers along the temporary roads inside the premises to avoid fugitive dust emission during the vehicle movements.
8. The unit shall develop green belt of adequate width around the premises.
9. In case there is any change in the management, the unit shall inform the change with relevant documents immediately.

Sd/-xxxx
Chairman

//Forwarded by order//

J. J. J. J.
14/5/2014
For Chairman



✓
2300



TAMIL NADU POLLUTION CONTROL BOARD

CONSENT ORDER NO. : 6308

Proceedings. No.: T11/TNPCB/F.3605/MMN/OL/W/2014 Dated: 14.05.2014

Sub: Tamil Nadu Pollution Control Board - Consent for Establishment - M/s. L & T South City Projects Limited - Eden Park (Phase-2) SF.No. 90/3A1A, 3A1B (part) of Pudupakkam Village & 123,127/1,2,3,130/1A,1B,10-14,15B,16, 17A1B, 17A2, 17B1, B2,B3,18-20,132/1A,1B,3,133,134/1A1,1A2, 1B,1C,1D, 2A, 2B, 135/1, 2, 136/1-5, 6A,6B, 6C,7, 137/1, 2,138/1,2A, 2B1,2B2,3,4, 5A, 5B, 139/2D(PART), 3, 4(Part), 5-10,151/3(Part), 153/1, 2A, 2B, 3-6, 154/1,2, 155/1,2,156/1-3, 4A, 4B, 5B, 6, 8A, 9B1A,9B1B,9B2, 10B, 11,157/1(Part), 2(Part), 3(Part), 4 (Part), 5(Part), 6(Part), 158/1(Part),2 (Part), 159/5(part), 7(Part), 8(Part),11(Part), 12(Part), 160/2A1(Part), 2A2, 2B, 3, 4, 5A, 5B, 6, 161, 162 & 163/4A(Part), 4B(Part), 5(Part),6 of Siruseri Village Thiruporur Taluk, Kancheepuram District - For the establishment or take steps to establish the industry under Section 25 of the **Water (Prevention and Control of Pollution) Act, 1974**, as amended in 1988) (Central Act, 53 of 1988)- Reg.

Ref: 1. YourApplicationNo.CC18569 dated: 30.12.2013.
2. IR No. : F.MMN2300/OL/DEE/MMN/2013/dated: 27.01.2014
3. Board's (Technical Sub Committee) Resolution No.94-8 dated 09.05.2014.

Consent to establish or take steps to establish is hereby granted under Section 25 of the **Water (Prevention and Control of Pollution) Act, 1974**, as amended in 1988 and the Rules and Orders made there under to

The Head-Projects,

M/s. L & T South City Projects Limited - Eden Park (Phase-2)

(hereinafter referred to as 'The Applicant') authorizing him to establish or take steps to establish the industry in the site mentioned below:

90/3A1A, 3A1B (part) of Pudupakkam Village &
123,127/1,2,3,130/1A,1B,10-14,15B,16,17A1B,17A2,17B1,B2,B3,
18-20,132/1A,1B,3,133,134/1A1,1A2,1B,1C,1D,2A,2B,135/1,2,
136/1-5,6A,6B,6C,7,137/1,2,138/1,2A,2B1,2B2,3,4,5A,5B,
139/2D (PART), 3,4(Part),5-10,151/3(Part),153/1,2A,2B,3-6,
154/1,2,155/1,2,156/1-3,4A,4B,5B,6,8A,9B1A,9B1B,9B2,
10B,11,157/1(Part),2(Part),3(Part),4(Part),5(Part).



TAMILNADU POLLUTION CONTROL BOARD

This Consent to establish is valid for **two years** or till the industry obtains consent to operate under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974, as amended in 1988, whichever is earlier subject to special and general conditions enclosed.

Sd/-xxxx
Chairman

To

The Head-Projects,
M/s. L & T South City Projects Limited – Eden Park (Phase-2)
TC-1 Building, Second Floor,
Mount Poonamalee Road,
Manapakkam,
Post Box No. 979,
Chennai – 600 089.

Copy to

1. The District Environmental Engineer,
Tamil Nadu Pollution Control Board,
Maraimalai Nagar.
2. The Commissioner,
Thiruporur Panchayat union,
Thiruporur.
3. Board Meeting Section.
4. Technical File.

//Forwarded by order//

J. J. 2008
14/5/2014
For Chairman
JND
14/5/14



TAMILNADU POLLUTION CONTROL BOARD

SPECIAL CONDITIONS

1. This consent to establish is valid for establishing the facility for the manufacture of products/byproducts (Col. 2) at the rate (Col 3) mentioned below. Any change in the product/byproduct and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Description	Quantity
Main Products manufactured:	
Residential Apartment with Block – A (4 Towers) – 2 Stilt +18 floors, Block – B (3 Towers) – 1 Stilt + 14 floors, Block –C (7 Towers) - 2 Stilt + 18 floors, Block – D (1 Tower) -2 Stilt +14 floors, & Club House - Ground +1 floor, Retail – Ground +3 floors having total Built up area of 5,42,148 m2 including 1,39,521 m2 of covered Parking area in stilt floors & open parking area of 2913 m2- 3544 dwelling units	
By/Intermediate products manufactured: NIL	

2. This consent to establish is valid for establishing the facility with the below mentioned outlets for the discharge of sewage/trade effluent. Any change in the outlets has to be brought to the notice of the Board and fresh consent has to be obtained if necessary.

Outlet No.	Description of Outlet	Maximum daily discharge in KLD	Point of disposal
1	Sewage	2033.37 KLD	797.4 KLD – Toilet flushing 199 KLD –For Greenbelt Development 1036.97 KLD – Disposal to the nearby CMWSSB, STP out let.
2	Trade Effluent	Nil	Does not arise



TAMILNADU POLLUTION CONTROL BOARD

3. The unit shall provide Sewage Treatment Plant and /or Effluent Treatment Plant as indicated below.

STP- 1 – 400 KLD (Phase-I-165 KLD & Phase-II – 235 KLD)

Nature of Effluent	Sl. No.	Components of STP for Phase – I & II	Nos.	Dimensions (in metres)
(1)	(2)	(2)	(3)	(4)
		Common components for 165 KLD & 235 KLD STP		
Sewage	1	Bar Screen Chamber	1	1.0x1.5 x1.0
	2	Equalization Tank	1	9.0 x9.0 x 2.0 LD
	3	Sludge Holding Tank	1	3.2 x 1.5 m x 3.0
	4	Filter Feed Tank	1	7.1 x 1.6 x 2.0
	5	PSF	1	1.5 M dia x 2.0
	6	ACF	1	1.5 M dia x 2.5
	7	Chlorine Dosing system	1	4 LPH
	8	Filter Press	1	1 m ³ /hr
	9	UV System	1	4x30 Watts
	10	Treated Collection Sump	1	7.25 x 7.25 x 3.8
		Individual components for Phase-I- 165 KLD		
	1	FBBR Tank	1	3.2 x 3.2 x 3.6
	2	Secondary Settling Tank	1	2.9 x3.2 x 2.50
		Individual components for Phase-II- 235 KLD		
	1	FBBR Tank	1	3.8 x 3.8 x 3.6
	2	Secondary Settling Tank	1	3.1 x 3.8 x 2.50



TAMILNADU POLLUTION CONTROL BOARD

STP- II – 1650 KLD (Phase-I-650 KLD & Phase-II – 1000 KLD)

Nature of Effluent	Sl. No.	Components of STP for Phase – I & II	Nos.	Dimensions (in metres)
(1)	(2)	(2)	(3)	(4)
		Common components for 650 KLD & 1000 KLD STP		
Sewage	1	Bar Screen Chamber	1	1.0 x 1.5 x 1.0
	2	Equalization Tank	1	24.5 x 17.0 x 2.0 LD
	3	Sludge Holding Tank	1	1.8 x 7.8 x 3.0
	4	Filter Feed Tank	1	16.5 x 2.5 x 2.0
	5	PSF	1	3.0 M dia x 2.0
	6	ACF	1	3.0 M dia x 2.5
	7	Chlorine Dosing system	1	10 LPH
	8	Filter Press	1	3 m ³ /hr
	9	UV System	1	10x30 Watts
	10	Treated Collection Sump	1	14.73 x 14.73 x 3.8
		Individual components for Phase-I- 650 KLD		
	1	FBBR Tank	1	6.3 x 6.3 x 3.6
	2	Secondary Settling Tank	1	5.2 x 6.3 x 2.50
		Individual components for Phase-II- 1000 KLD		
	1	FBBR Tank	1	7.8 x 7.8 x 3.6
	2	Secondary Settling Tank	1	6.5 x 7.8 x 2.50

- The unit shall comply with the conditions imposed in the environmental clearance obtained from the SEIAA vide its clearance No. SEIAA/TN/F.509/EC/8 (b)/230/2012, dt.07.11.2013.
- The unit shall obtain and furnish Planning permission and building permit for block D (1 Tower (4BHKTower with total built up of 32,629Sq m)) from competent authority.
- The unit shall obtain necessary permission from CMWSSB for fresh water supply as commitment furnished to SEIAA.



TAMILNADU POLLUTION CONTROL BOARD

7. The unit shall provide 2 Nos. of sewage Treatment Plants (capacity of 400 KLD and 1650 KLD) with UV disinfection as proposed to treat the sewage to achieve the standards prescribed by the Board.
8. The unit shall make arrangements to utilize the treated waste water 797.4 KLD for Toilet flushing, 199 KLD for gardening/green belt development within the premises. **The remaining 1036.97 KLD of treated sewage shall be disposed to nearby CMWSSB STP outlet. The unit shall make an agreement with the nearby CMWSSB , STP for the disposal at the outlet of STP and also furnish the copy of agreement to the TNPC Board.**
9. The unit shall provide the EMFMs with automatic recorder and display arrangement at the inlet/outlet of STP and at the disposal point of the treated sewage for green belt, toilet flushing and to CMWSSB STP. Water flow meters for the raw water supply shall be fixed with automatic recorder and display. The unit shall provide energy meter for the operation of STP.
10. The unit shall not clean the STP tanks manually and it should be carried out only by mechanical system.
11. The unit shall provide continuous monitoring system in the STP area for monitoring the emission of toxic gases such as H₂S, CH₄ etc.,
12. Necessary safety equipments, Testing kits, goggles, aprons, gloves, masks, gas detectors etc., should be made available in STP premises and the same shall be used properly while carrying out the cleaning operations.
13. The unit shall provide organic waste convertor for composting the biodegradable waste generated from the premises and the compost shall be used for gardening as reported after ensuring the quality of the compost.
14. The unit shall adopt safe and environment friendly management practices within the premises.
15. The unit shall coordinate with the local police and workout schemes for the regulating of the increased traffic flow in the area due to this project.
16. This consent order does not absolve from obtaining necessary permission/ Clearance from other Authority or under other statutes as applicable.

//Forwarded by order//

Sd/-xxxx
Chairman

[Signature]
For Chairman
14/5/14



TAMILNADU POLLUTION CONTROL BOARD

GENERAL CONDITIONS

1. The above consent to establish cannot be construed as consent to operate and the unit shall not commence the operation without obtaining the Consent to operate.
2. The industry shall make a request for grant of consent to operate at least thirty days before the commissioning of trial production.
3. The unit shall construct compound wall around the boundary of the unit
4. Samples of water from the wells or any other nearby water sources have to be taken by the unit and get them analyzed by the Board Laboratory to develop base line data to assess the existing water quality.
5. The unit shall provide an alternate power source along with separate energy meter for the Effluent Treatment Plant to ensure continuous operation of the Effluent Treatment Plant.
6. The consent does not authorize or approve the construction of any physical structures or facilities, or the undertaking of any work in any natural watercourse.
7. Any change in the details furnished in the conditions has to be brought to the notice of the Board and got approved by the Board, before obtaining consent to operate under the said Act.
8. The unit has to comply with the provisions of Public Liability Insurance Act, 1991 to provide immediate relief in the event of any hazard to human beings, other living creatures/plants and properties while handling and storage of hazardous substances (if applicable).
9. Consent to operate will not be issued unless the unit complies with all the conditions of consent to establish.
10. In case there is any change in the management, the unit shall inform the change with relevant documents immediately.

Sd/-xxxx
Chairman

//Forwarded by order//

J. J. Srinivasan
14/5/14
For Chairman



TAMIL NADU POLLUTION CONTROL BOARD

CONSENT ORDER NO. 160325401093 DATED: 22/11/2016.

PROCEEDINGS NO.T5/TNPCB/F.0999MMN/RL/MMN/A/2016 DATED: 22/11/2016

SUB: TNPC Board-Consent for Establishment – EXTENSION -M/S L & T SOUTH CITY PROJECTS LIMITED - EDEN PARK (PHASE - 2) , S.F.No.SF.No. 90/3A1A, 3A1B (part) of Pudupakkam village & 123, 127/1, 2, 3, 130/1A, 1B, 10-14, 15B,16, 17A1B, 17A2, 17B1, B2,B3,18-20, 132/1A, 1B, 3, 133, 134/1A1, 1A2, 1B, 1C, 1D, 2A, 2B, 135/1, 2, 136/1-5, 6A,6B, 6C,7, 137/1, 2, 138/1,2A, 2B1,2B2,3,4, 5A, 5B, 139/2D(Part), 3, 4(part), 5-10, 151/3(Part), 153/1, 2A, 2B, 3-6, 154/1,2,155/1,2,156/1-3, 4A, 4B, 5B, 6, 8A, 9B1A,9B1B,9B2, 10B, 11,157/1 (Part), 2(Part), 3(Part), 4(Part), 5(Part), 6(Part), 158/1(Part), 2(Part), 159/5(Part), 7(Part), 8(Part), 11(Part), 12(Part), 160/2A1(Part), 2A2,2B,3,4,5A,5B,6,161,162 & 163/4A(Part), 4B(Part), 5(Part), 6 of Siruseri village Thirupporur Taluk Kancheepuram district, SIRUCHERRI Village, Tirupporur Taluk, Kancheepuram District- for the establishment or take steps to establish the industry under Section 21 of the Air(Prevention and control of Pollution)Act,1981, as amended in 1987 (Central Act, 14 of 1981)-Issued- Reg.

REF: 1 Proc.no.T11/TNPCB/F.3605/MMN/OL/W&A/2014 dated 14.05.2014
2. Unit's application dated 07.07.2016
3. IR.No : F.0999MMN/RL/DEE/MMN/2016 dated 20/09/2016
4. Minutes of 135th TSC meeting held on 10.11.2016 vide agenda item no.135-5
5. Unit's letter dated 21.11.2016 (BG.No.3134IBGS160003 dated 21.11.2016)

Additional Conditions:

1. The unit shall comply with the conditions stipulated in the CTE obtained vide Proc. No.T11/TNPCB/F.3605/MMN/OL/W&A/2014 dated 14.05.2014.
 2. The unit shall ensure to install the Organic Waste Converter and the Bio degradable municipal solid waste shall be treated scientifically through Organic waste converter and the compost shall be used as manure along with STP sludge within 31.03.2018.
 3. The unit shall furnish the proposal for green belt development 25 % of plot area (400 trees/Hec) comprising of tall trees (min. 2m height) and various species according to local soil conditions in consultation with local DFO / Horticulture Department / Authorised Consultant. The layout map indicating the green belt details shall be furnished within 30.06.2017.
 4. The unit shall furnish a commitment to execute an agreement for Annual Maintenance Contract (AMC) towards maintaining and operating the STP for a minimum period of five years with the Association of the occupants after the building project has been handed over within 30.06.2017.
 5. The unit shall furnish an under taking to provide a separate Energy Meter for STP and to record the daily usage of power to ensure 24 x 7 functioning of STP within 31.03.2017.
 6. The unit shall furnish an under taking to ensure that the transportation of treated sewage to the nearby STPs (with adequate capacity which is operated within Chennai by CMWSSB and STPs operated by local bodies except Chennai) will be done only through authorised tankers within 31.03.2017.
- *****

Consent to establish or take steps to establish was granted under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended in 1987 (Central Act, 14 of 1981) (hereinafter referred to as "The Act") to the Occupier of the unit of M/s L & T SOUTH CITY PROJECTS LIMITED - EDEN PARK (PHASE - 2) authorizing to establish or take steps to establish the industry in the site of S.F.No.SF.No. 90/3A1A, 3A1B (part) of Pudupakkam village & 123, 127/1, 2, 3, 130/1A, 1B, 10-14, 15B,16, 17A1B, 17A2, 17B1, B2,B3,18-20, 132/1A, 1B, 3, 133, 134/1A1, 1A2, 1B, 1C, 1D, 2A, 2B, 135/1, 2, 136/1-5, 6A,6B, 6C,7, 137/1, 2, 138/1,2A, 2B1,2B2,3,4, 5A, 5B, 139/2D(Part), 3, 4(part), 5-10, 151/3(Part), 153/1, 2A, 2B, 3-6, 154/1,2,155/1,2,156/1-3, 4A, 4B, 5B, 6, 8A, 9B1A,9B1B,9B2, 10B, 11,157/1 (Part), 2(Part), 3(Part), 4(Part), 5(Part), 6(Part), 158/1(Part), 2(Part), 159/5(Part), 7(Part), 8(Part), 11(Part), 12(Part), 160/2A1(Part), 2A2,2B,3,4,5A,5B,6,161,162 & 163/4A(Part), 4B(Part), 5(Part), 6 of Siruseri village Thirupporur Taluk Kancheepuram district,SIRUCHERRI village, Tirupporur Taluk, Kancheepuram District vide reference First cited with validity for Two years .

The unit has requested for extension of time limit for establishing the plant since they could not establish the plant within the period of Two years vide reference second cited.

The subject was placed before the committee meeting vide reference fourth cited and the committee decided to extend the validity of the Consent to establish for further period.

In view of the above, the validity of the Consent to establish is extended for further period upto November 21, 2018 , or till the industry obtains consent to operate under Section 21 of the Air (Prevention and control of Pollution) Act, 1981, as amended in 1987 whichever is earlier subject to special and general conditions specified in the Consent for Establishment issued vide reference first cited.

Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

To
The Head Projects,
M/s.L & T SOUTH CITY PROJECTS LIMITED - EDEN PARK (PHASE - 2),
Siruseri & Pudupakkam Village, Tiruppur Taluk, Kancheepuram District,
Pin: 603010

Copy to:

1. The Commissioner, TIRUPPURUR-Panchayat Union, Tiruppur Taluk, Kancheepuram District .
2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, MARAIMALAI NAGAR.
3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Chennai.
4. File

**** This consent order is computer generated by OCMMS of TNPCB and no signature is needed****



TAMIL NADU POLLUTION CONTROL BOARD

CONSENT ORDER NO. 160315401093 DATED: 22/11/2016.

PROCEEDINGS NO.T5/TNPCB/F.0999MMN/RL/MMN/W/2016 DATED: 22/11/2016

SUB: TNPC Board-Consent for Establishment – EXTENSION -M/S L & T SOUTH CITY PROJECTS LIMITED - EDEN PARK (PHASE - 2) , S.F.No.SF.No. 90/3A1A, 3A1B (part) of Pudupakkam village & 123, 127/1, 2, 3, 130/1A, 1B, 10-14, 15B,16, 17A1B, 17A2, 17B1, B2,B3,18-20, 132/1A, 1B, 3, 133, 134/1A1, 1A2, 1B, 1C, 1D, 2A, 2B, 135/1, 2, 136/1-5, 6A,6B, 6C,7, 137/1, 2, 138/1,2A, 2B1,2B2,3,4, 5A, 5B, 139/2D(Part), 3, 4(part), 5-10, 151/3(Part), 153/1, 2A, 2B, 3-6, 154/1,2,155/1,2,156/1-3, 4A, 4B, 5B, 6, 8A, 9B1A,9B1B,9B2, 10B, 11,157/1 (Part), 2(Part), 3(Part), 4(Part), 5(Part), 6(Part), 158/1(Part), 2(Part), 159/5(Part), 7(Part), 8(Part), 11(Part), 12(Part), 160/2A1(Part), 2A2,2B,3,4,5A,5B,6,161,162 & 163/4A(Part), 4B(Part), 5(Part), 6 of Siruseri village,Thirupporur Taluk Kancheepuram district, SIRUCHERRI Village, Tirupporur Taluk, Kancheepuram District- for the establishment or take steps to establish the industry under Section 25 of the Water (Prevention and control of Pollution)Act,1974, as amended in 1988(Central Act 53 of 1988) –Issued- Reg.

REF: 1 Proc.no.T11/TNPCB/F.3605/MMN/OL/W&A/2014 dated 14.05.2014
2. Unit's application dated 07.07.2016
3. IR.No : F.0999MMN/RL/DEE/MMN/2016 dated 20/09/2016
4. Minutes of 135th TSC meeting held on 10.11.2016 vide agenda item no.135-5
5. Unit's letter dated 21.11.2016 (BG.No.3134IBGS160003 dated 21.11.2016)

Additional Conditions:

1. The unit shall comply with the conditions stipulated in the CTE obtained vide Proc. No.T11/TNPCB/F.3605/MMN/OL/W&A/2014 dated 14.05.2014.
 2. The unit shall ensure to install the Organic Waste Converter and the Bio degradable municipal solid waste shall be treated scientifically through Organic waste converter and the compost shall be used as manure along with STP sludge within 31.03.2018.
 3. The unit shall furnish the proposal for green belt development 25 % of plot area (400 trees/Hec) comprising of tall trees (min. 2m height) and various species according to local soil conditions in consultation with local DFO / Horticulture Department / Authorised Consultant. The layout map indicating the green belt details shall be furnished within 30.06.2017.
 4. The unit shall furnish a commitment to execute an agreement for Annual Maintenance Contract (AMC) towards maintaining and operating the STP for a minimum period of five years with the Association of the occupants after the building project has been handed over within 30.06.2017.
 5. The unit shall furnish an under taking to provide a separate Energy Meter for STP and to record the daily usage of power to ensure 24 x 7 functioning of STP within 31.03.2017.
 6. The unit shall furnish an under taking to ensure that the transportation of treated sewage to the nearby STPs (with adequate capacity which is operated within Chennai by CMWSSB and STPs operated by local bodies except Chennai) will be done only through authorised tankers within 31.03.2017.
- *****

Consent to establish or take steps to establish was granted under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974, as amended in 1988 (Central Act 6 of 1974) (hereinafter referred to as 'The Act') to the Occupier of the unit of M/s L & T SOUTH CITY PROJECTS LIMITED - EDEN PARK (PHASE - 2) authorizing to establish or take steps to establish the industry in the site of S.F.No.SF.No. 90/3A1A, 3A1B (part) of Pudupakkam village & 123, 127/1, 2, 3, 130/1A, 1B, 10-14, 15B,16, 17A1B, 17A2, 17B1, B2,B3,18-20, 132/1A, 1B, 3, 133, 134/1A1, 1A2, 1B, 1C, 1D, 2A, 2B, 135/1, 2, 136/1-5, 6A,6B, 6C,7, 137/1, 2, 138/1,2A, 2B1,2B2,3,4, 5A, 5B, 139/2D(Part), 3, 4(part), 5-10, 151/3(Part), 153/1, 2A, 2B, 3-6, 154/1,2,155/1,2,156/1-3, 4A, 4B, 5B, 6, 8A, 9B1A,9B1B,9B2, 10B, 11,157/1 (Part), 2(Part), 3(Part), 4(Part), 5(Part), 6(Part), 158/1(Part), 2(Part), 159/5(Part), 7(Part), 8(Part), 11(Part), 12(Part), 160/2A1(Part), 2A2,2B,3,4,5A,5B,6,161,162 & 163/4A(Part), 4B(Part), 5(Part), 6 of Siruseri village,Thirupporur Taluk Kancheepuram district, village, Tirupporur Taluk, Kancheepuram District vide reference First cited with validity for Two years .

The unit has requested for extension of time limit for establishing the plant since they could not establish the plant within the period of Two years vide reference second cited.

The subject was placed before the committee meeting vide reference fourth cited and the committee decided to extend the validity of the Consent to establish for further period.

In view of the above, the validity of the Consent to establish is extended for further period upto November 21, 2018 , or till the industry obtains consent to operate under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974, as amended in 1987 whichever is earlier subject to special and general conditions specified in the Consent for Establishment issued vide reference first cited.

Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

To
The Head Projects,
M/s.L & T SOUTH CITY PROJECTS LIMITED - EDEN PARK (PHASE - 2),
Siruseri & Pudupakkam Village, Tirupporur Taluk, Kancheepuram District,
Pin: 603010

Copy to:

1. The Commissioner, TIRUPPORUR-Panchayat Union, Tirupporur Taluk, Kancheepuram District .
2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, MARAIMALAI NAGAR.
3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Chennai.
4. File

**** This consent order is computer generated by OCMMS of TNPCB and no signature is needed****



TAMIL NADU FIRE AND RESCUE SERVICES DEPARTMENT

FROM

Thiru. Bholanath, I.P.S.,
DGP / Director
Fire and Rescue Services,
No.17, Rukmani Lakshmi pathi Salai,
Egmore, Chennai 600 008.

TO

M/s. L&T South City Projects
Ltd.,
Phase 1, MR.Radha Main Road,
Siruseri Village,
Chengalpattu Taluk,
Kanchipuram Dist.

K.dis.No. 13330/C1/2011

Date 11.08.2011.

Sir,

Sub Tamil Nadu Fire and Rescue Services Department - High Rise Building - Planning Permission - NOC requested - Inspection at M/s. L&T South City Projects Ltd, Eden Park Phase II S.No:90/3A1A, 3A1B(part) of padupakkam village and S.No.123, 127/1, 2, 3, 130/1A, 1B, 10, 11, 12, 13, 14, 15B (part), 16 (part), 17A1B, 17A2, 17B1, 17B2, 17B3 (part), 18, 19 (part), 20 (part), 132/1A, 1B, 3,133, 134/1A1, 1A2, 1B, 1C, 1D, 2A, 2B, 135/1, 2, 136/1, 2, 3, 4, 5, 6, 6A, 6B, 6C, 7, 137/1,2, 138/1, 2A, 2B1, 2B2, 3, 4(part), 5A(part), 5B(part), 139/2D(part), 3, 4(part), 5, 6,7, 8(part), 9(part), 10, 151/3 (part), 153/1(part), 2A, 2B, 3(part) 4, 5, 6(part), 154/1(part), 2(part), 155/1(part), 2, 156/1, 2, 3, 4A, 4B, 5B, 6, 8A, 9B1A(part), 9B1B(part), 9B2(part), 10B, 11, 157/1(part), 2 (part), 3 (part), 4(part), 5(part), 6(part), 158/1(part), 2(part), 159/5(part), 7 (part), 8(part), 11(part), 12(part), 160/2A1(part), 2A2(part), 2B(part), 3(part), 4(part), 5A, 5B, 6, 161(part), 162 (part) and 163/4A(part), 4B(part) 5(part), 6(part) of Siruseri Village, Chengalpet Taluk, Kancheepuram District - Inspection Report Submission Regarding.

Ref Your letter dated. 29.6.2011

With reference to the letter cited above, the team has inspected the site at M/s. L&T South City Projects Ltd, Eden Park Phase II S.No:90/3A1A, 3A1B(part) of padupakkam village and S.No.123, 127/1, 2, 3, 130/1A, 1B, 10, 11, 12, 13, 14, 15B (part), 16 (part), 17A1B, 17A2, 17B1, 17B2, 17B3 (part), 18, 19 (part), 20 (part), 132/1A, 1B, 3,133, 134/1A1, 1A2, 1B, 1C, 1D, 2A, 2B, 135/1, 2, 136/1, 2, 3, 4, 5, 6, 6A, 6B, 6C, 7, 137/1, 2, 138/1, 2A, 2B1, 2B2, 3, 4(part), 5A(part), 5B(part), 139/2D(part), 3, 4(part), 5, 6,7, 8(part), 9(part), 10, 151/3 (part), 153/1(part), 2A, 2B, 3(part) 4, 5, 6(part), 154/1(part), 2(part), 155/1(part), 2, 156/1, 2, 3, 4A, 4B, 5B, 6, 8A, 9B1A(part), 9B1B(part), 9B2(part), 10B, 11, 157/1(part), 2 (part), 3 (part), 4(part), 5(part), 6(part), 158/1(part), 2(part), 159/5(part), 7 (part), 8(part), 11(part), 12(part), 160/2A1(part), 2A2(part), 2B(part), 3(part), 4(part), 5A, 5B, 6, 161(part), 162 (part) and 163/4A(part), 4B(part) 5(part), 6(part) of Siruseri Village, Chengalpet Taluk, Kancheepuram District on 28.7.2011.

Observation:

It is a planning proposal proposed by M/S L&T South City Projects Ltd, for the construction of Residential Building namely Eden park phase II, Block A 4 towers, Block B 3 towers and Block C 7 towers. Block A consists of 2stilt + 18levels with proposed height of 59.75m Block B Stilt + 14 levels with proposed height of 44.65m and Block C 2Stilt + 18 levels with proposed height of 59.75m. The plot area is 179215 square meters and the total buildup area is 417486 Sq.mtrs. The proposal has the side set-back provisions of more than 7m all around the blocks. The proposed occupancy is classified to come under Group A Residential Building Sub Division A 4 Apartments as per the National Building Code of India Part IV Fire and Life Safety – 2005.

The Fire & Life Safety measures should be provided in the proposed building before the actual occupation as listed below:

1. There should be a Wet-riser per thousand sq m area covering all floor areas with landing valves along with delivery hoses for each block. The raiser should be fully charged with adequate pressure at all times & should have both automatic and manual operation. To feed the wet-riser an underground static water tank of minimum capacity 100000 liters should be provided with refilling facilities for each block. A terrace level tank of capacity 10000 liters also should be provided for each block. To charge the wet riser system and the sprinkler system an electrical pump of capacity 2280 LPM should be provided near the underground water tank for each block. An equal capacity of Diesel Pump should also be provided as an alternative arrangement for each block. The pumps should be capable of developing pressure of 3.5 kg/cm. at terrace level hydrant point. One more electrical pump of capacity of 180 LPM should be provided as a Jockey pump for each block.
2. Fire service inlets fitted with NRV at ground level should be provided.
3. Hose reel assembly should be provided covering each floor area.
4. Yard Hydrants should be provided at all around the building.
5. Manual Fire alarm call points should be provided at all floors.
6. Automatic Sprinkler system should be provided at all floors.
7. Public Address System should be provided connecting all the floors.
8. Alternative & Independent power systems should be provided to Fire pumps, Emergency Lighting system and fire lift .
9. No of exit, location and there width should be conforms to the requirements of National Building Code of India, Second Revision part IV 2005.
10. The First aid fire fighting equipments should be provided at all floors in accordance with the IS 2190:1992 requirements
11. Fire lift, Electrical Installation and Wiring, AC Duct & other Service Ducts should meet the requirements of NBC of India, Part 4, Second Revision 2005.

12. The width and height of any arch or gate, if any, should have the clearance of not less than 4.5 m and 5 m respectively.
13. The compulsory open space 7m. Around the building should be designed to with stand a weight of 45 tons at any point of operation for the use of Hydraulic plat form vehicle.
14. The Service ducts such as power cables, communication cables, A/C. ducts etc. should be protected with proper fire sealing / fire dampers.
15. The Fire dumpers to be certified by UL 555 and for Fire & Smoke dumpers UL 555 S.
16. The Cable gallery should be routed through fire resistant duct or fire protected tray.
17. Fire Resistant and Low Smoke Emission Cable should be used.
18. A trained Fire Officer with a crew shall be arranged along with a fire control room to maintain as well as to operate the fire protection systems in case of any need.
19. The Fire protection systems provided in the building should be of approved by the competent authority / certified by any notified bodies.
20. During construction of the building the following fire protection measures should be provided in good working condition.
 - 1) Dry riser of 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.

There is no objection to accord planning permission to this proposal subject to the fulfilment of Life and Fire Safety requirements as stated above. you are informed to comply with all the fire safety arrangements suggested above and on receipt of compliance report from you before the actual occupancy or before issuing occupancy certificate, whichever, is earlier, re-inspection will be conducted for the consideration of issue of Fire Licence.


 for Director,
 Fire and Rescue Services,
 Tamil Nadu
 12/12/2014

Copy to, Deputy Director,
 Northern Western Region,
 Vellore.



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

BY SPEED POST



AAI/SR/NOC/RHQ/

30-08-2011

संदर्भ सं./ Ref. No. :

दिनांक / Dated :

M/s. L & T South City Projects Ltd.
Rep by Sri G. Venkata Prasad COO,
P.B.No.979, Mount Poonamallee Road,
Manapakkam, Chennai-600089.

NO OBJECTION CERTIFICATE

CASE No: MM 468 / 2011.

1. Please refer to your letter No: Nil, dated: 02-08-2011 on the issue of NOC from AAI. (NOCAS ID: CHEN/ SOUTH/ B/072911/015, 018 to 030 dated 29-07-2011)
2. This office has no objection to the proposed construction of 14 Residential buildings (Blocks- A1 to A4, B1 to B3 & C1 to C7) by M/s. L & T South City Projects Ltd. represented by Sri G. Venkata Prasad COO, hereinafter referred to as the applicant, at Sy.Nos. 90/3A1A,3A1B(PART) of Pudupakkam Village &123,127/1, 2,3,130/1A, 1B,10 to 14,15B,16,17A1B,17A2, 17B1,B2, B3,18,19,20,132/1A,1B,3,133,134/1A1, 1A2,1B,1C,1D,2A, 2B, 135/1,2, 136/1 to 5,8A, 8B, 8C,7,137/1,2,138/1, 2A, 2B1,2B2,3,4,5A, 5B,139/2D(PART),3,4(PART),5 to 10, 151/3(PART),153/1,2A,2B,3 to 6,154/1,2, 155/1,2, 156/1, 2, 3, 4A,4B,5B, 6,8A, 9B1A,1B,9B2,10B,11,157/1(PART) to 6(PART),158/1(PART), 2(PART),159/5(PART), 7(PART), 8(PART),11(PART),12(PART), 160/2A1(PART),2 A2,2B,3,4,5A,5B,6,161,162,163/4A(PART),4B(PART), 5(PART), 6 of Siruseri Village, Chengleppe Taluk, Kancheepuram DL Tamil Nadu to the requested height of (in figure) 70.2M AGL (in words) Seven Zero Dec Two meters above ground level so that top of the proposed structure when erected shall not exceed 7mts AMSL (Site elevation) Plus (+) 70.2mts AGL (Height of the structure) =77.2mts AMSL.
3. This No Objection Certificate is being issued on the express understanding that the site elevation/reduced level (height above mean sea level) viz 7mts AMSL relative location of the proposed Residential buildings and its distance and bearing from the ARP / Runway ends as tendered by the applicant are correct. If, however, at any stage it is established that the said data as tendered by the said applicant is actually different than the one tendered, and which could adversely affect aircraft operations, the structure or part(s) thereof in respect of which this "No Objection Certificate" is being issued will have to be demolished at his own cost as may be directed by the Airports Authority of India. The applicant is, therefore advised in his / their own interest to verify the elevation and other data furnished for the site before embarking on the proposed construction.
4. The issue of this "No Objection Certificate" is further subject to the provisions of Section 9A of the Indian Aircraft Act, 1934, and those of any notification issued thereunder from time to time and under which also the applicant may be called upon by the Airports Authority of India to demolish in whole or in part the structure now being authorised vide this "No Objection Certificate".
5. No Radio / TV Antenna, Lightening Arresters, Staircase, Murrtee, Overhead Water Tank and attachment and Fixtures of any kind shall project above the height indicated in Para 2 above.
6. The use of electric fire or oil fired is obligatory, within 8 Km of the Aerodrome.
7. This certificate is valid for a period of 5 (five) years from the date of issue. If the Residential buildings are not constructed and completed within the above mentioned period of 5 (five) years, he will be required to obtain fresh "No Objection Certificate" from the General Manager (Aero)-SR, Airports Authority of India, Southern Region, Chennai Airport, Chennai - 600027. The date of completion of Residential buildings should be intimated to the General Manager (Aero)-SR, AAI, Chennai Airport, Chennai - 27.
8. No light or a combination of lights which by reason of its intensity, configuration of colour may cause confusion with the aeronautical ground lights of the Airport shall be installed at the site at any time during or after the construction of the Residential buildings.
9. Day and night markings with secondary power supply shall be provided as per ICAO standard
10. This NOC is for height clearance only.
11. This NOC is issued with the approval of competent authority.

(A. P. Gajbe)

Joint General Manager (Aero)-Ops.
For General Manager (Aero)-SR.

Copy forwarded for information to:

1. The Executive Director (ATM), A A I, Rajiv Gandhi Bhavan, Safdarjung Airport, New Delhi-110 003.
2. The Commissioner, Directorate of Town & Country Planning, No: 807, Anna Salai, Chennai - 600 002.
3. The Airport Director, AAI, Chennai Airport, Chennai - 600 027. (4) File copy.

दक्षिणी क्षेत्र, वेस्ट हवाईअड्डा, चेन्नई - 600 027, दूरध्वनि / TEL : 22561515, फैक्स / Fax : 22561010
SOUTHERN REGION, CHENNAI AIRPORT, CHENNAI - 600 027. ई.मेल / E-Mail : redsr@aal.aero



M/s L & T South City Projects Limited

Date: 05-06-2016

Post Box No.979,
Mount-Poonamallee Road,
Manapakkam,

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:

NOCID : CHEN/SOUTH/B/060416/128811

Applicant Name : C. Selvaraj

Type of Structure : Building

Site Address : Block A1, S.No.90/3A1A,3A1Bpt of pudupakkam village and 123,
127/1,2,3,130/1A,1B,10-14,15B,16,17/A1B,17/A2,17/B1,B2,B3,18-20,132/1A,1B,3,133,134/1A1,1A2,1
5-10,151/3pt

Site Coordinates : 80 12 11.42-12 49 32.40, 80 12 11.62-12 49 34.50, 80 12 12.31-12 49 33.41, 80 12 13.20-12
49 32.33, 80 12 13.20-12 49 34.30,

Site Elevation AMSL in 7 M

Mtrs as Submitted by
Applicant

Your site is located at a distance 18944 mts from ARP and lies in the grid V14 of the published CCZM of Chennai airport. The Permitted top elevation for this grid is 150 mts.

Since the requested top elevation 77.2 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 NOC will become invalid.

b. 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.

c. 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.

d. This assessment has been issued w.r.t. the Civil Airports as notified in GSR 751(E). Applicant needs to seek separate NOC from Defence, if the site lies within jurisdiction of Defence Airport.



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

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,
Anna International Airport,
Chennai-600027 (Tamil Nadu)

Email ID: vommm.noc@aai.aero

Contact No: 044-22560046



M/s.L & T South City Projects Limited

Date: 04-06-2016

Post Box No.979,
Mount-Poonamallee Road,
Manapakkam, Chennai-600089

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:

NOCID : CHEN/SOUTH/B/060416/128817

Applicant Name : C. Selvaraj

Type of Structure : Building

Site Address : BlockB1,S.No.90/3A1A,3A1Bpt of pudupakkam village and123,
127/1,2,3,130/1A,1B,10-14,15B,16,17/A1B,17/A2,17/B1,B2,B3,18-20,132/1A,1B,3,133,134/1A1,1A2,1
5-10,151/3pt

Site Coordinates : 80 12 12.17-12 49 25.26, 80 12 12.34-12 49 24.02, 80 12 13.24-12 49 24.76, 80 12 14.13-12
49 25.50, 80 12 14.30-12 49 24.26,

Site Elevation AMSL in 7 M

Mtrs as Submitted by
Applicant

Your site is located at a distance 19166 mts from ARP and lies in the grid V14 of the published CCZM of Chennai airport. The Permitted top elevation for this grid is 150 mts.

Since the requested top elevation 77.2 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 NOC will become invalid.

b. 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.

c. 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.

d. This assessment has been issued w.r.t the Civil Airports as notified in GSR 751(E). Applicant needs to seek separate NOC from Defence, if the site lies within jurisdiction of Defence Airport.



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AIRPORTS AUTHORITY OF INDIA

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Designated Officer

Region Name: SOUTH

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

Email ID: vommm.noc@aai.aero

Contact No: 044-22560046



M/s.L & T South City Projects Limited

Date: 04-06-2016

Post Box No.979,
Mount-Poonamallee Road,
Manapakkam, Chennai-600089

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:

NOCID : **CHEN/SOUTH/B/060416/128822**

Applicant Name : **C. Selvaraj**

Type of Structure : **Building**

Site Address : **Block C1,S.No.90/3A1A,3A1Bpt of pudupakkam village and 123, 127/1,2,3,130/1A,1B,10-14,15B,16,17/A1B,17/A2,17/B1,B2,B3,18-20,132/1A,1B,3,133,134/1A1,1A2,15-10,151/3pt**

Site Coordinates : **80 12 12.60-12 49 31.50, 80 12 12.65-12 49 29.96, 80 12 14.00-12 49 30.78, 80 12 15.30-12 49 31.65, 80 12 15.40-12 49 30.10,**

Site Elevation AMSL in **7 M**

Mtrs as Submitted by
Applicant

Your site is located at a distance 18986 mts from ARP and lies in the grid V14 of the published CCZM of Chennai airport. The Permitted top elevation for this grid is 150 mts.

Since the requested top elevation 77.2 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 NOC will become invalid.

b. 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.

c. 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.

d. This assessment has been issued w.r.t. the Civil Airports as notified in GSR 751(E). Applicant needs to seek separate NOC from Defence, if the site lies within jurisdiction of Defence Airport.



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

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,
Anna International Airport,
Chennai-600027 (Tamil Nadu)

Email ID: vommm.noc@aai.aero

Contact No: 044-22560046



M/s.L & T South City Projects Limited

Date: 05-06-2016

Post Box No.979,
Mount-Poonamallee Road,
Manapakkam, Chennai-600089

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:

NOCID : **CHEN/SOUTH/B/060516/128828**

Applicant Name : **C. Selvaraj**

Type of Structure : **Building**

Site Address : **Block C7,S.No.90/3A1A,3A1Bpt of pudupakkam village and 123, 127/1,2,3,130/1A,1B,10-14,15B,16,17/A1B,17/A2,17/B1,B2,B3,18-20,132/1A,1B,3,133,134/1A1,1A2,15-10,151/3pt**

Site Coordinates : **80 12 09.53-12 49 26.30, 80 12 09.53-12 49 28.10, 80 12 10.90-12 49 27.20, 80 12 12.20-12 49 26.36, 80 12 12.26-12 49 28.10,**

Site Elevation AMSL in **7 M**

Mtrs as Submitted by
Applicant

Your site is located at a distance 19120 mts from ARP and lies in the grid V14 of the published CCZM of Chennai airport. The Permitted top elevation for this grid is 150 mts.

Since the requested top elevation 77.2 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 NOC will become invalid.

b. 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.

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d. This assessment has been issued w.r.t the Civil Airports as notified in GSR 751(E). Applicant needs to seek separate NOC from Defence, if the site lies within jurisdiction of Defence Airport.



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Authority of India, Regional
Headquarter, Southern Region,
Anna International Airport,
Chennai-600027 (Tamil Nadu)

Email ID: vommm.noc@aai.aero

Contact No: 044-22560046



M/s.L & T South City Projects Limited

Date: 05-06-2016

Post Box No.979,
Mount-Poonamallee Road,
Manapakkam, Chennai-600089

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:

NOCID : CHEN/SOUTH/B/060516/128829

Applicant Name : C. Selvaraj

Type of Structure : Building

Site Address : BlockCH,S.No.90/3A1A,3A1Bpt of pudupakkam village and123,
127/1,2,3,130/1A,1B,10-14,15B,16,17/A1B,17/A2,17/B1,B2,B3,18-20,132/1A,1B,3,133,134/1A1,1A2,1
5-10,151/3pt

Site Coordinates : 80 12 02.90-12 49 36.50, 80 12 03.86-12 49 37.83, 80 12 04.55-12 49 36.90, 80 12 06.00-12
49 38.26, 80 12 06.20-12 49 35.50,

Site Elevation AMSL in 7 M

Mtrs as Submitted by
Applicant

Your site is located at a distance 18776 mts from ARP and lies in the grid V14 of the published CCZM of Chennai airport. The Permitted top elevation for this grid is 150 mts.

Since the requested top elevation 37 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 NOC will become invalid.

b. 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.

c. 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.

d. This assessment has been issued w.r.t the Civil Airports as notified in GSR 751(E). Applicant needs to seek separate NOC from Defence, if the site lies within jurisdiction of Defence Airport.



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AIRPORTS AUTHORITY OF INDIA

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Designated Officer

Region Name: SOUTH

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

Email ID: vommm.noc@aai.aero

Contact No: 044-22560046



**CENTRE FOR ENVIRONMENTAL STUDIES
ANNA UNIVERSITY, CHENNAI 600 025**

Dr.N.VASUDEVAN
Professor and Director

Telephone : +91-44-2235 4286, 2220 0021
 : +91-44-2235 9009 / 9010
Fax : +91-44-2235 4717
E-mail : nvasudevan@annauniv.edu
 : nvasu30@yahoo.com

Lr. No.CES/SA/L&T/7013

Dated:29.10.2013

To
The Manager
D & L Consulting Services
Chennai

Sir

Sub: Vetting of STP design for the proposed residential development of Eden Park
Phase II at Siruseri---Reg.

Ref: LT5CPL/1173/2013-14 Phase II/WO/166

Please find enclosed the final report on design adequacy of the two STPs for the proposed High Rise
Apartments at Eden Park Phase-II at Siruseri for your reference.

Yours faithfully,


N.Vasudevan 29/10/13

Director,
Centre for Environmental Studies
Anna University,
Guindy, Chennai - 600 025.

CERTIFICATE

The design of two numbers STP in two separate locations submitted by the consultants M/s D&L Consulting Services for the proposed High Rise Apartments at Eden Park Phase II at Siruseri Village promoted by L&T South City Projects Limited is scrutinized for the design adequacy of treatment units proposed. Total number of apartments proposed to be constructed is 3544. It is planned to construct two STPs in two different locations with capacities as mentioned below.

- (i) STP 1 – Total capacity of 400kL/d, phase I construction will be 165 kL/d and phase II construction will be 235 kL/d
- (ii) (i) STP 2 – Total capacity of 1650kL/d, phase I construction will be 650 kL/d and phase II construction will be 1000kL/d. The civil works for both Phase I and Phase II will be done at the same time where as mechanical and electrical equipments will be installed during the operational stage.

The process proposed is FBBR process with 20 hours operation. The capacity of STP covers the sewage from the apartments only. The units and sizing proposed found to be adequate for achieving the standards prescribed by CPCB/TNPCB for disposing the treated domestic sewage on inland surface waters considering based on the capacity proposed and 20 hours of operation. During operation stage the following to be ensured for effective treatment:

- (i) Operation of STP for 20 hours (Uniform flow from equalization tank to aeration tank)
- (ii) Adequate volume of fluidized media with specified surface area and specific gravity in the FBBR basin (media lost during operation has to be replenished immediately).
- (iii) Though 20 hours of operation is proposed, aeration for FBBR basin to be maintained for 24 hours to keep Biomass in active condition.

As the proposal is to locate the STP units below ground level and pump room above ground level the following should be ensured:

- (i) Proper ventilation of the treatment units to be provided as per CPHEEO recommendation.
- (ii) Sufficient headroom above the top level of the tank are available for routine monitoring and maintenance of equipment, cleaning of screens, access to all tanks etc.



Director,
Centre for Environmental Studies
Anna University,
Guindy, Chennai - 600 025.



Dr Devdas Menon
Professor

Structural Engineering Division
Department of Civil Engineering
Indian Institute of Technology, Madras
Chennai 600 036, INDIA.

☎ : +91(44) 2257 4253 (off), 2257 6253 (res), 2257 52
Email : dmenon@itm.ac.in, devdasm@gmail.com
Website : <http://www.devdasmenon.com>

February 17, 2012

This is to certify that the Structural Design and drawings of Tower A Block prepared by M/s STEPHEN AND ASSOCIATES, Chennai, Structural Consultant for L & T South City Projects for their "Residential Township - Phase II of Eden Park at Sruseri" has been proof checked and verified by us. The same is found to be in order. The remaining drawing details can be completed in the same lines as cleared by us.


Prof DEVDAS MENON


Prof MEHER PRASAD



Dr. Devdas Menon
Professor

Structural Engineering Division
Department of Civil Engineering
Indian Institute of Technology, Madras
Chennai 600 036, INDIA.

☎ : +91(44) 2257 4253 (off), 2257 5253 (res), 2257 52
Email : dmenon@iitm.ac.in, devdasm@gmail.com
Website : <http://www.devdasmenon.com>

March 30, 2012

This is to certify that the Structural Design and drawings of Tower B Block prepared by M/s STEPHEN AND ASSOCIATES, Chennai, Structural Consultant for L & T South City Projects for their "Residential Township - Phase II of Eden Park at Sriruber" has been proof checked and verified by us. The same is found to be in order.

Dr. Devdas Menon
Prof. DEVDAS MENON

A. Meher Prasad
Prof. MEHER PRASAD



Dr Devdas Menon
Professor

Structural Engineering Division
Department of Civil Engineering
Indian Institute of Technology, Madras
Chennai 600 036, INDIA.

☎ : +91(44) 2257 4253 (off), 2257 6253 (res), 2257 521

Email : dmenon@iitm.ac.in, devdasm@gmail.com

Website : <http://www.devdasmenon.com>

April 27, 2012

This is to certify that the Structural Design and drawings of Tower C Block prepared by M/s STEPHEN AND ASSOCIATES, Chennai, Structural Consultant for L & T South City Projects for their "Residential Township - Phase II of Eden Park at Siruseri" has been proof checked and verified by us. The same is found to be in order.

Devdas Menon

Prof DEVDAS MENON

A. Meher Prasad

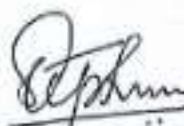
Prof A. MEHER PRASAD

Seismic Force Resistance Certificate

This is to certified that the proposed Building at (AS per Annexure) of Siruseri Village, Chenglepattu Taluk, Kancheepuram District is designed to resist for earthquake, check has been made and found safe and

I hereby certify that

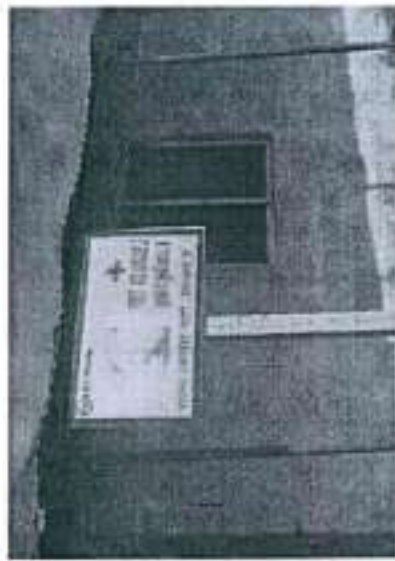
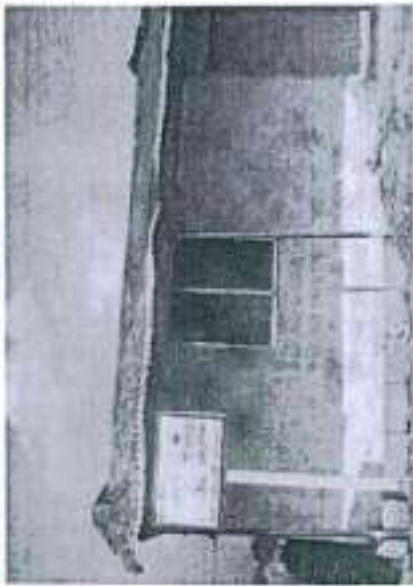
1. The min. grade of concrete is M25
2. The design analysis using the code of practice for loading standards as per IS- 875 part and Seismic force as per the code IS 1893 and IS 456.



S.Stephen - P/ncipal Consultant.

Stephen and Associates
Consultants
A/L-88, 12th Main Road, Arnanaga-
Chennai - 600 040. India.

FIRST AID ROOM





FIRST AID TRAINING FOR LABORS





CARDIO PULMONARY RESUSCITATION



CPR PRACTICAL TRAINING FOR LABORS



PHOTOGRAPHS OF GREENBELT















ID	Task Name	Duration	Start	Finish	2014	2015	2016	2017	2018	2019	2020	2021	2022
1	Eden Park Phase 2	1771 days	15-06-15	08-02-21									
2	Block A	1020 days	15-06-15	15-09-18									
3	Tower A1	1020 days	15-06-15	15-09-18									
4	Block B	805 days	15-06-15	08-01-18									
5	Tower B1	805 days	15-06-15	08-01-18									
6	Block C	1771 days	15-06-15	08-02-21									
7	Tower C1	1020 days	15-06-15	15-09-18									
8	Tower C7	1662 days	19-10-16	06-02-21									
9	Amenities & Site Infrastructure	1555 days	22-02-16	08-02-21									
10	Club House	1555 days	22-02-16	08-02-21									
11	Infrastructure	1207 days	03-04-17	08-02-21									
13	Landscape	1207 days	03-04-17	08-02-21									

Project: Eden Park Phase 2	Task		External Milestone		Manual Summary Rollup	
	Split		Inactive Task		Manual Summary	
	Milestone		Inactive Milestone		Start-only	C
	Summary		Inactive Summary		Priority-only	3
	Project Summary		Manual Task		Deadline	
	External Tasks		Duration-only		Progress	



SYNERGY PROJECT H&S - STATUS

L & T EDEN PARK PHASE 2

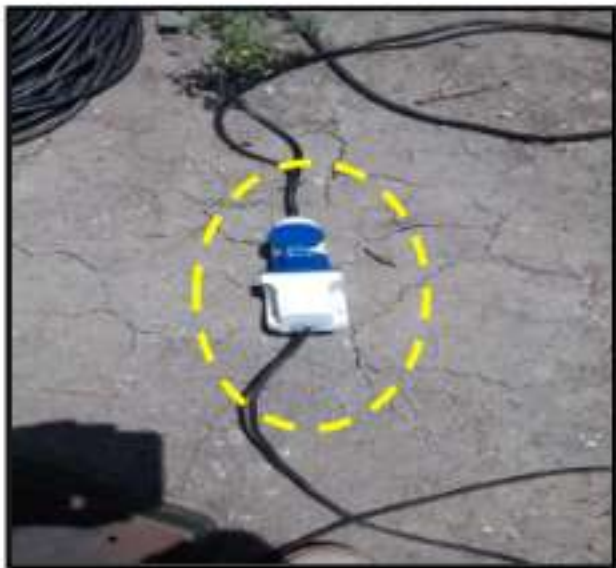
Year 2015

SYNERGY
innovate

GOOD PRACTICES



Before



After

GOOD PRACTICES



MOCK DRILL TRAINING- 21 DEC 2015



FIRE FIGHTING TRAINING



HEIGHT WORK TRAINING



FIRST AID TRAINING (CPR)





CARDIO PULMONARY RESUSCITATION



CPR PRACTICAL TRAINING FOR LABORS

L&T SALE OFFICE SITE MAIN ENTRANCE



PROJECT SITE ENTRANCE



C 7 ACCESS ENTRANCE ROAD



TOWER A1 ENTRANCE



TOWER -C 1 BLOCK ENTRANCE



TOWER B1 ENTRANCE



SAFETY DAY BANNER IMAGE AT LABOUR CAMP ENTRANCE



MEDICAL CAMP FOR LABORS & STAFF



GENERAL MEDICAL CAMP – EDENPARK PHASE 2



GENERAL MEDICAL CAMP – EDENPARK PHASE 2



GENERAL MEDICAL CAMP- EDENPARK PHASE 2



RAIN WATER HARVESTING PIT









RAIN WATER SUMP





















**PHOTOGRAPHS OF SEWAGE TREATMENT PLANT AT
L&T SOUTH CITY PROJECTS LIMITED
PART – I 300 KLD CAPACITY**







**PHOTOGRAPHS OF SEWAGE TREATMENT PLANT AT
L&T SOUTH CITY PROJECTS LIMITED
PART – II 400 KLD CAPACITY**





भारतीय गैर न्यायिक

बीस रुपये

रु.20



Rs.20

TWENTY
RUPEES

INDIA NON JUDICIAL



तमिलनाडु TAMIL NADU

02 NOV 2021

L&T South City Projects Pvt Limited

97AB 968665

M. KAIRUNISA
STAMP VENDOR

No: 18, Fanopet 2nd Street,
Nandanam, Chennai - 600 035.
L. No: 1347/B2/2021
Mobile : 9789906039

Date: - 02/11/2021

To:

M/s. L&T South City Projects Pvt Limited,
Eden Park Township, MR Radha Main Road,
Siruseri & Pudupakkam Village, Chennai - 603 103.

Dear Sir,

We hereby confirm and give undertaking that, we will supply water in our taker lorry as per the requirement of your Company. However, at present it is stated that, this will be 450KLD as and when commissioning of plant takes place.

Thanking you,

For M/s. SMV Enterprises
No. 2/244, Bharathiyar Street, Siruseri - 600 130.

Proprietor.

For L & T SOUTH CITY PROJECTS PVT LIMITED

Authorised Signatory

**REPORT ON THE TECHNICAL FEASIBILITY OF SEWAGE
TREATMENT PLANT OF 300 KLD (PHASE I) + 400 KLD (PHASE II)
CAPACITY OF FLUIDIZED BED BIO REACTOR IN M/S. L&T SCPL
RESIDENTIAL DEVELOPMENT, EDEN PARK PHASE II,
SIRUSERI, CHENNAI.**

To

CLAR AQUA Pvt Ltd,
No.6, 8th Cross Street,
Dhandeeswaram Nagar,
Velacherry, Chennai – 600 042.

JUNE 2017



**Department of Civil Engineering
National Institute of Technology
Tiruchirappalli – 620 015**

**REPORT ON THE TECHNICAL FEASIBILITY OF SEWAGE TREATMENT PLANT
OF 300 KLD (PHASE I) + 400 KLD (PHASE II) CAPACITY OF FLUIDIZED BED
BIO REACTOR IN M/S. L&T SCPL RESIDENTIAL DEVELOPMENT, EDEN PARK
PHASE II, SIRUSERI, CHENNAI.**

Project Name	: 300 KLD (Phase I) + 400 KLD (Phase II) Capacity of Fluidized Bed Bio Reactor (FBBR)
Applicant	: Manager (Technical) CLAR AQUA Pvt Ltd, No.6, 8 th Cross Street, Dhanceeswaram Nagar, Velacherry, Chennai – 600 042.
Project Location	: M/s. L&T SCPL Residential Development, Eden Park Phase II, Siruseri, Chennai.
Designed by	: CLAR AQUA Pvt Ltd, No.6, 8 th Cross Street, Dhanceeswaram Nagar, Velacherry, Chennai – 600 042.

(i) DESIGN BASIS

1. 1 BHK Apartments

No. of apartments	: 280 nos.
Occupancy in each apartment	: 4 persons
Total occupancy	: 1120 nos.

2. 2 BHK Apartments

No. of apartments	: 288 nos.
Occupancy in each apartment	: 5 persons
Total occupancy	: 1440 nos.

3. 3 BHK Apartments

No. of apartments	: 288 nos.
Occupancy in each apartment	: 6 persons
Total occupancy	: 1728 nos.

4. 3 BHK Premium Apartments

No. of apartments	: 144 nos.
Occupancy in each apartment	: 6 persons
Total occupancy	: 864 nos.

5. Visitors

5% of population	: $5\% \times (1120+1440+1728+864) = 258$ persons
------------------	---

Occupancy : $1120+1440+1728+864+258 = 5,410$ people

(b) WATER DEMAND

a. Domestic water demand	: 95 liters/head/day
Total domestic water	: 5,13,950 liters/day
b. Drinking & cooking water demand	: 10 liters/head/day
Total drinking & cooking water	: 54,100 liters/day
c. Toilet flushing water demand	: 45 liters/head/day
Total toilet flushing water	: 2,43,450 liters/day

Total water demand : 8,11,500 liters/day

(c) CAPACITY OF SEWAGE TREATMENT PLANT (STP)

90% of domestic water demand of apartments	: $5,13,950 \times 90\% = 4,62,555$ liters/day
100% of toilet flushing demand	: 2,43,450 liters/day
Capacity of STP	: $4,62,555 + 2,43,450$ = 7,06,005 liters/day, say 700 KLD

Total Plant Capacity 700 KLD is designed for 300 & 400 KLD (Phase I & II)

Process Description

The basic principle of the Fluidized Bed Bioreactor (FBBR) process is the growth of the biomass on plastic supports that move in the biological reactor via agitation generated by aeration systems (aerobic reactors). The FBBR systems that offer an increased specific surface in the reactor for the growth of the biomass, achieving significant reductions in the biological reactor volume. A reduction in the volume of the biological reactor because it uses a support or carrier that gives a high specific surface.

CLAR Aqua Pvt Ltd has furnished the following details in a form of a report.

1. Raw sewage characteristics
2. Treated sewage characteristics
3. Treatment scheme / Process description
 - a. Primary treatment
 - b. Secondary treatment
 - i. Fluidized bed Bio reactor

c. Tertiary treatment

- i. Disinfection
- ii. Pressure Sand filter
- iii. Activated Carbon filter
- iv. UV System

4. Process design details
5. Dimension of treatment units (without design details)
6. Electrical load works

Based on the submitted documents, the designs of the various units for the treatment of wastewater are found to be suitable and adequate for the proposed work.

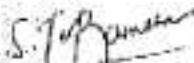
The following suggestions are to be considered to ensure sustainability of effective treatment.

1. Performance of each unit operations should be checked regularly by analyzing the samples at various treatment units. Proper sampling equipment and safety precautions are to be used when collecting and analyzing the samples.
2. 24 hours operations of sewage treatment plant should be ensured (continuous pumping from equalization tank to aeration tank) for stabilization of microbial culture.
3. Flexible couplings and pipe fittings should be inspected for leakage during pump operation, and the flexible couplings replaced as required when aging and wear cracking occur.
4. Screenings from the bar screen should be disposed safely.
5. The sewage collection tanks should be cleaned periodically to avoid accumulation of settleable solids and floating matter.
6. Proper handling and storage of sludge in the sludge holding tank must be ensured. Drying of sludge should be ensured before using as manure.
7. The filtrate from the filter press has to be sent back to the equalization tank for further treatment.
8. Disinfection of treated water must be ensured for the complete destruction of microorganisms, especially pathogens before reuse.
9. The sewage treatment plant must be operated by qualified personnel and maintaining complete and accurate operation records. Keeping an accurate record of performance of the wastewater treatment facility is an integral part of

good plant operation. Accurate and readily accessible records are necessary for regulator monitoring and for guiding operating personnel in locating and solving operational problems. These records constitute the proof of performance and serve to justify decisions and recommendations.

10. Successful emergency operation of the wastewater facility depends on plant operators knowing the optional flow characteristics designed into the plant facility, and also knowing, through normal operation and maintenance, all the control valves and emergency equipment are working properly and ready for immediate use. Operational flexibility is to be designed into the wastewater treatment facility and can accommodate an expected emergency scenario.

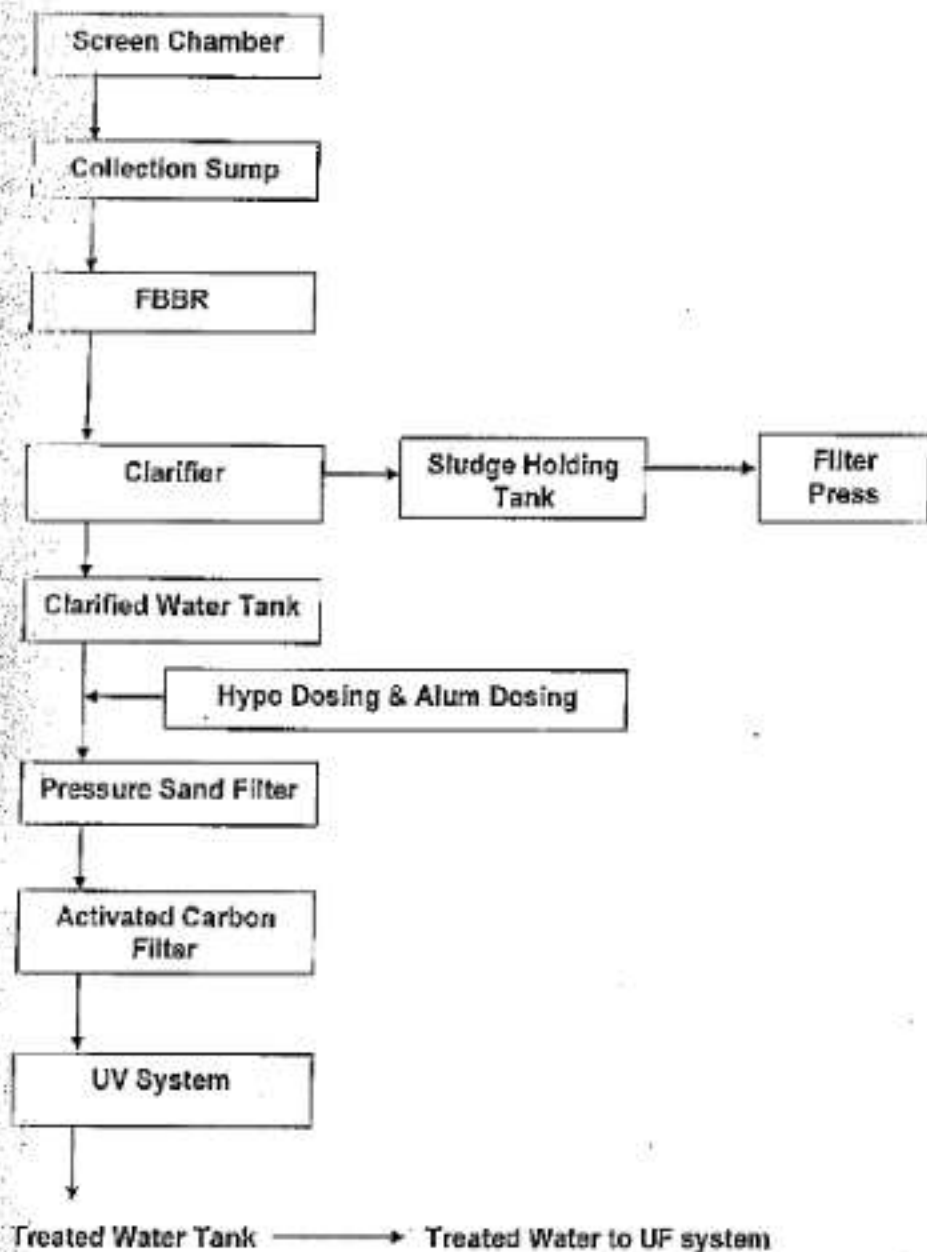
Under these conditions, it is certified that the treatment units and sizing is found to be adequate for achieving the standards prescribed by TNPCB. The performance of the plant will depend on the proper operation and maintenance of the plant within the design conditions.


Dr. S. T. Ramesh
Associate Professor
Department of Civil Engineering
National Institute of Technology
Tiruchirappalli - 620 015.

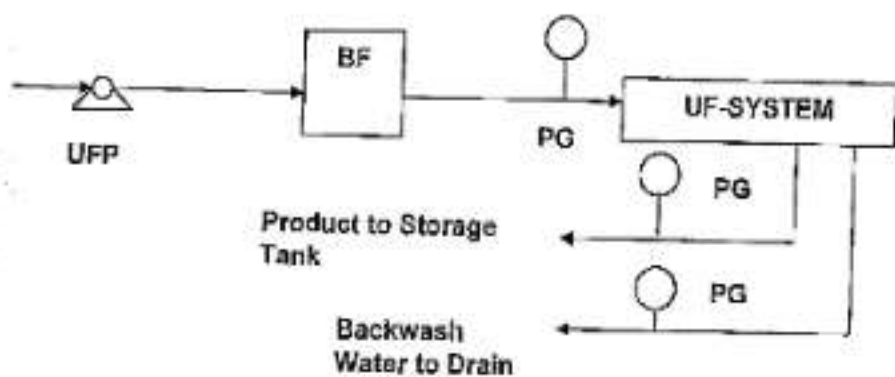
Dr. S. T. Ramesh, Ph.D.
Associate Professor
Department of Civil Engineering
National Institute of Technology
Tiruchirappalli - 620 015.



PROCESS FLOW DIAGRAM



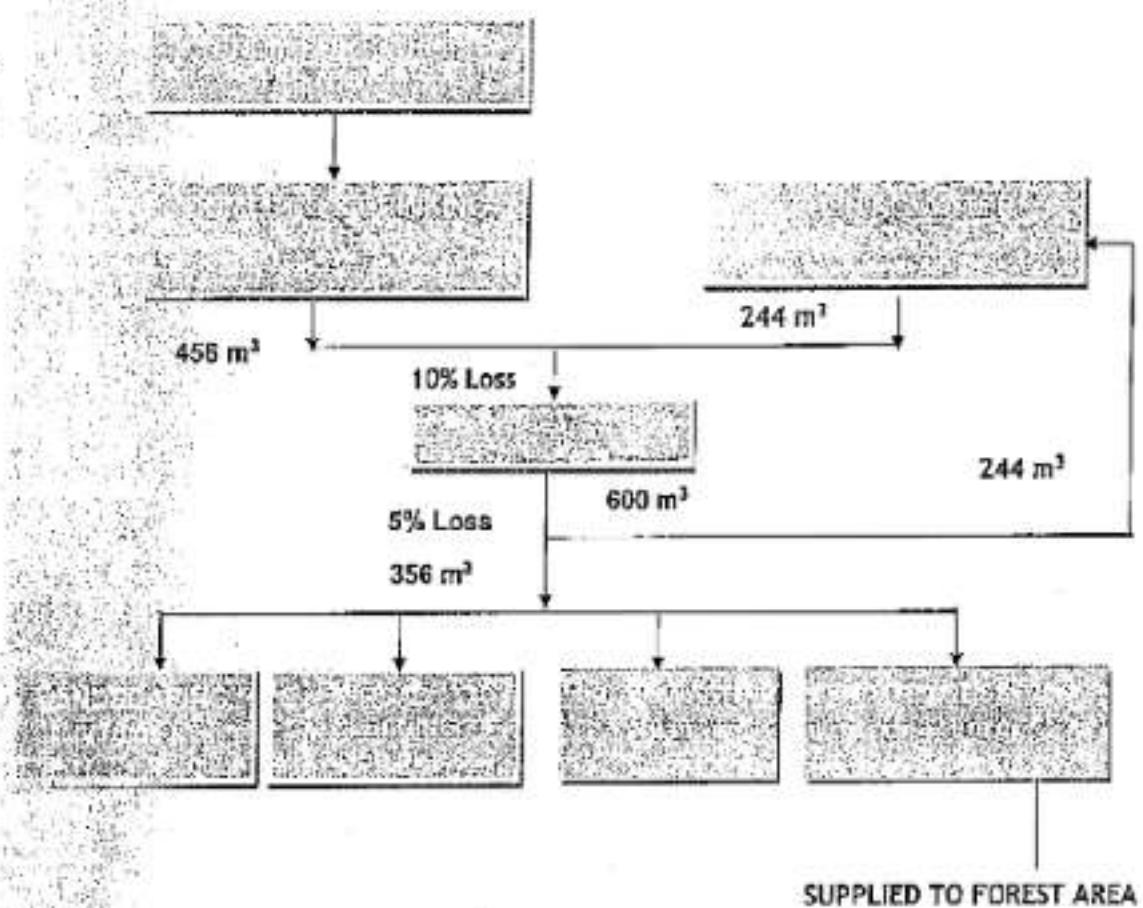
UF Process Flow Diagram



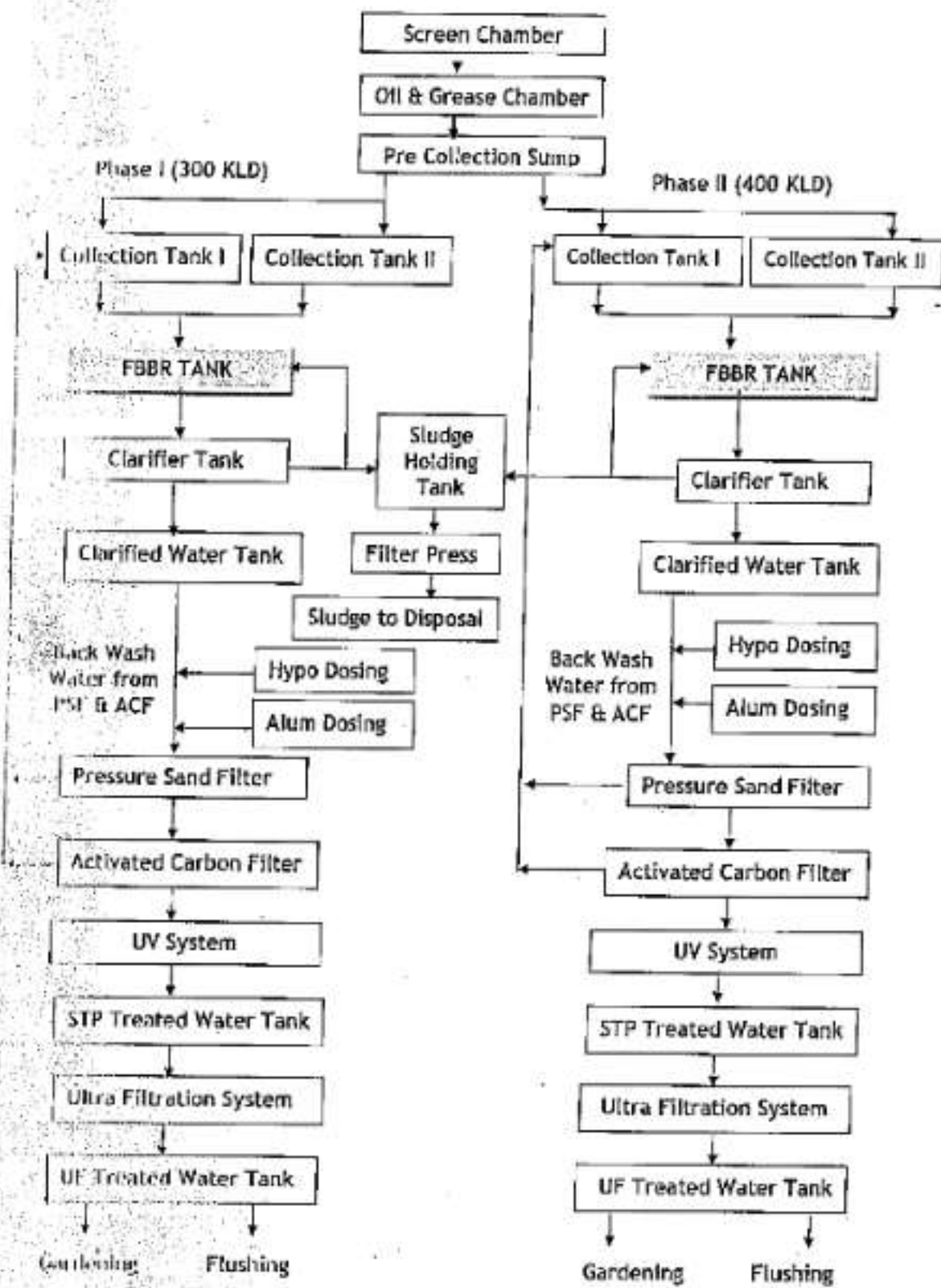
LEGEND

- UFP : UF Feed Pump
- UF : Bag Filter
- PG : Pressure Gauge

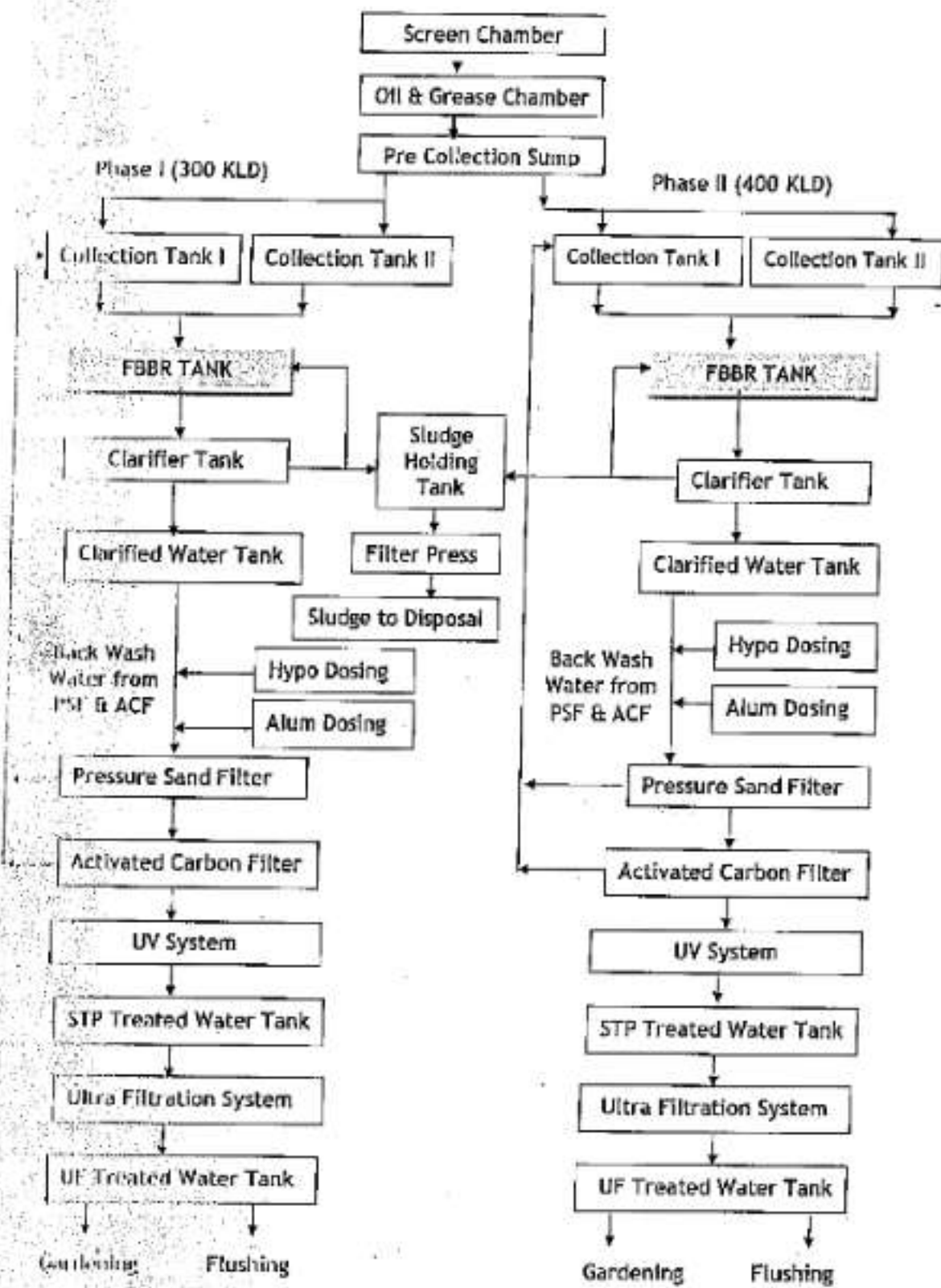
WATER BALANCE



PROCESS FLOW DIAGRAM (PHASE I AND PHASE II)



PROCESS FLOW DIAGRAM (PHASE I AND PHASE II)



PHOTOGRAPHS OF DG SETS WITH STACKS
L&T SOUTH CITY PROJECTS

Dg set at Tower A1 – 125 KVA



Dg set at Tower A1 – 320 KVA



Dg set at Tower B1 – 320 KVA



Dg set at Tower C1 – 500 KVA



Dg set at Tower C7 – 500 KVA



Dg set at STP – 160 KVA



Organic Waste Converter Photograph



Solar Water Heater Photograph





PHE PIPE LINE









CLINIC ROOM





Terrace Gardening Photograph







**M/s. L&T South City Projects Pvt Ltd - CSR Activity Details**

Sl. No	Title	Sub Title	FY 2013_14	FY 2014_15	FY 2016_17	FY 2018_19	FY 2019_20	Amount in INR
1	Health & Environment	Construction Storm Water Drain in ZSM Panchayat Road & Other Roads	1,22,61,479					1,22,61,479
2		Trees Plantation in ZSM Panchayat Road & Other Roads	37,99,173	2,05,918				40,05,091
3		Donation Paid to MR Radha Main Road Cleaning Works				1,07,230		1,07,230
4		Fencing works for Tree Plantation at MR Radha Main Road				3,83,323	1,80,151	5,63,474
5	Education	Donation paid to Govt (ADW) Middle School at Pudupakkam on 30/03/2015		2,40,000				2,40,000
6		Donation paid to Prime Ministers National Relief Fund for Teachers Salary on 31/03/2015		17,03,714				17,03,714
7		Donation paid to Govt (ADW) Middle School at Pudupakkam on 14/03/2017			3,84,000			3,84,000
8	Others	Donation Paid to Construction of Siruseri Temple on 04/30/2019					5,00,000	5,00,000
		Total Amount in INR	1,60,60,652	21,49,632	3,84,000	4,90,553	6,80,151	1,97,64,988

For L&T South City Projects Pvt Ltd


Authorized Signatory



Date: 13.01.2014

M/s. SHANASH INFRASTRUCTURE.

Regd. & Admin. Off.

Plot No. 61 Door No. 17/6

Ekkattuthangal,

Chennai - 600 0032.

Tel: 91 044 2225 4723

Fax: 91 044 2225 2025

Kind Attn: Mr. S Durairaj - Managing Partner

Sub: Proposed Road works for Eden Garden Phase II at Siruseri Village, Chengalpet Taluk - Amendment to Work order for Drain works package

Ref: LTSCPL/Ph2/WO/21, dated: 14th December 2011

With reference to the above subject works, find herewith attached the amended BOQ for the respective package after incorporating various additions / omissions to the scope of work as per site conditions and client requirements.

S.No	Works	Initial Contract Sum (INR)	Amended Contract Sum (INR)
1.	Drain Works Package	3,38,77,072	1,23,17,374

In accordance to the contract conditions the associated adjustment to the amended contract sum shall be ascertained as part of the re-measurement of actual works executed.

All other terms and conditions remain same as per the existing Contract document of respective package.

Yours Sincerely

For L&T South City Projects Ltd.,

J. Padmanabhan
Head-Projects

Acknowledgement of Acceptance

For and on behalf of

SHANASH INFRASTRUCTURES

For SHANASH ROAD CONSTRUCTIONS
For SHANASH INFRASTRUCTURES
K. Durairaj, Ordinator
Mount Poonthirukki Road,
Manapakkam, P.B. No. 979,
Chennai - 600 059, India.L&T South City Projects Limited
L&T Eden Park Township, M.R. Reddy Main Road, Siruseri @ Madupakkam Village,
Thiruppur Taluk, Kanchipuram District, Chennai - 602 103, Tamil Nadu, INDIA
Tel: +91 92 82511012, www.edenpark.com
K. Durairaj
13/1/14



Date: 18.01.2014

L&T SCPL

M/s. GREEN SCAPE
Regd. & Admin. Off.
29U/9U, Gothi Apartments,
Sivaji Street, T.Nagar,
Chennai - 600 0017.
Tel: 91 044 2436 0041
Fax: 91 044 2436 0041

Kind Attn: Mr. WESELY THOMAS

Sub: Proposed Landscape works for Eden Garden Phase II at Siruseri Village,
Chengalpet Taluk - Amendment to Work order for Landscape works package

Ref: LTSCPL/1043/2012-13/Phase 2/112 &112A

With reference to the above subject works, find herewith attached the amended BOQ for respective packages after incorporating various additions / omissions to the scope of work as per site conditions and client requirements.

S.No	Works	Initial Contract Sum (INR)	Amended Contract Sum (INR)
1.	Landscape Works Package	1,51,56,898	77,48,228

In accordance to the contract conditions the associated adjustment to the amended contract sum shall be ascertained as part of the re-measurement of actual works executed.

All other terms and conditions remain same as per the existing Contract document for respective packages.

Yours Sincerely

For L&T South City Projects Ltd.,

J. Padmanabhan,
Head-Projects.

Acknowledgement of Acceptance

For and on behalf of

Green scape

Attached: Amended BOQ for Landscape works package



WO Ref: Project / 2017 / 104
Date: 18 February 2019

M/s. SRI RAJESHWARI INTERIORS AND EXTERIORS
No. 13, Rajiv Street,
Deivanayaki Nagar,
Thiruverkadu
Chennai – 600 077.

Dear Sir,
Kind Attention: Mr. D. Karthikeyan

SUB: SUPPLY AND FIXING OF PVC COATED ALUMINUM FENCING FOR PLANTS AT MR RADHA ROAD FOR THE PROPOSED L&T SCPL RESIDENTIAL DEVELOPMENT - EDEN PARK - PHASE 2 AT SIRUSERI-CHENNAI.

We refer to your quote dated 7 February 2019 for the subject works. We are pleased to award the contract to M/s. SRI RAJESHWARI INTERIORS AND EXTERIORS for a total amount of **Rs 12,98,295/- (Rupees Twelve Lakhs Ninety Eight Thousand Two Hundred and Ninety Five Only)** including GST @ 18%. Any other new / change in taxes shall be adjusted at actuals based on supporting documents.

1. Scope of Work

Supply and fixing of PVC coated aluminium fencing as per attached BOQ –Annexure-1.

2. Method of Measurement

The works shall be measured based on actual works executed.

3. Quantity

Quantities are provisional only and will be valued based on actual work done at site. There shall be no change in the rate on account of variation in the quantity and the rate will be firm till the contract complete.

4. Schedule

To complete all contract works within 30 days from the order date and the schedule of supply shall be as per Engineer In charge.

5. Co-Ordination

Proper coordination shall be maintained with Engineer In charge.

6. Quality

To complete all contract works as per Project Manager's Quality plan.

7. Payment Terms

50% of unit rate shall be paid as material advance against Supply of materials at project site on pro rata basis.

50% of unit rate shall be paid after installation and successful completion of all works on pro rata basis.

The Employer shall pay the amount within 30 (Thirty) days from the date of invoice submission by the contractor along with all necessary supporting documents.


L&T South City Projects Private Limited
L&T Eden Park Township, M.R. Radha Mohan Road, Krishna & Padupattam, 135/2
Thiruporur Taluk, Kanchipuram District, Chennai - 601 101, Tamil Nadu, INDIA
Tel : +91 44-5660 0666, www.edenpark.net
CN No. U70101TN2006PTC058866

8. Retention amount

5% of work done value shall be withheld and the same shall be released after the completion of Defects Liability Period of 12 Months

9. Contract Period

The commencement date of work will be date of this work order.

The completion time shall be 30 days from the commencement date.

10. Safety

The contractor shall be responsible for initiating, providing, maintaining and supervising all safety precautions and programs in connection with their work and work men.

All PPE materials and equipment brought by the contractor to the site shall be protected against loss, damage or deterioration at the contractor's risk and cost.

11. Insurance / Security/ Labour Laws

It shall be your responsibility to watch and / or insure to prevent / protect yourselves from any damage to equipment or materials installed in position or not, caused by any reason whatsoever, till the entire installation is taken over by the Client / Engineer In Charge. Losses and / or damages, if any will be at your risk and responsibility

You would be inter-alia required to have coverage for accident insurance not only for your employees / workmen etc... but also for injuries caused to others in the premises due to any accidents caused directly or indirectly by you or your employees, workers and your items under installation due to action / in-action of your plant, equipment, installations, employees, etc....

The Contractor shall abide by the prevailing labour laws and shall have to obtain a labour license and insurance from the appropriate authority as per the law at your cost and shall indemnify the Client against any financial and other obligation in connection with labour employed by contractor. On obtaining the labour license and insurance, the contractor at the appropriate time, shall submit a certified photocopy of the same to the Client / Engineer In Charge. The contractor will take care of Workmen Compensation policy, Provident Fund, ESI and insurance for their labour.

12. Statutory audit

The contractor shall comply with all the laws, rules, regulations, etc of the central and state government and other authorities, departments, etc.

The contractors shall submit attendance register and necessary supporting documents to employer to comply the statutory compliance.

13. Confidentiality Relating to Works

All information on the project is confidential and shall not be disclosed by the parties to any third party, other person, firm or company without prior written consent of the employer.

14. Rejection Method

All the goods supplied by the contractor shall be inspected and verified by the Client / Engineer in Charge and if any quality defect/ failure, deviation in specification, sizes, poor workmanship is found in finishes product it shall be treated as rejection.

Any defective / damaged material received by the client shall be treated as rejection. In such cases, 100% free of cost replacement shall be given to the client, within 3 days.

Contractor bears all risks as to rejected goods.



15. Cancellation

The Client reserves right to cancel the Order or any part thereof and shall be entitled to rescind the Order wholly or in part after a written notice to the Contractor if

1. Contractor fails to supply the materials in accordance with the terms of the Orders.
2. Contractor fails to complete the works on time and/or replace the rejected materials promptly

16. Defect Liability Period

The defects liability period shall be of 12 (Twelve) Months from the date of completion of works duly certified by Client / Engineer In Charge. In 12 (Twelve) Month period the Contractor shall be liable for all manufacturing, installation, workmanship / qualitative defects in the work.

If the Contractor has not corrected a defect within the time specified in the Client / Engineer In Charge notice, the Client / Engineer In Charge will assess the cost of having the defects corrected, and the Contractor shall bear the cost of the same.

17. Arbitration

In the event of any dispute on which a mutual decision is not possible, the matter will be referred to Arbitration as per provisions of Indian Arbitration and Conciliation Act, 1996 and the venue shall be at Chennai.

18. Governing Law and Jurisdiction

The Order shall be governed by Indian law & only the Judicial Courts in Chennai will have the jurisdiction in the matter arising out of any disputes in the above agreement.

19. Other Conditions

- a) Contractor will be permitted to use only approved quality / brand of materials, equipment, products etc. as given in the BOQ.
- b) Any variation in the scope of works or specifications as instructed by Client shall be carried out by the Contractor. The rates for such variation shall be on the basis of the actual cost of the work plus 15% towards overheads and profits plus applicable taxes derived and as agreed by the Client.
- c) The changes in quantity of works stated in the BOQ as a result of re-measurement of the original scope of work shall not constitute a variation & unit rate shall remain firm for any changes in the quantities.
- d) Scaffolding- If required is in contractor scope.
- e) The contract price shall not be adjusted for any increase or decrease in cost of labour, materials, fuels and other inputs to the works, foreign exchange fluctuations, etc. .
- f) Load and lift of the materials, safe storage of materials shall be in contractor scope

We trust you find the above in order. Please sign and return the second copy of this order as acceptance of the above order.

Thanking you,
Yours Truly,



For L&T South City Projects Private Ltd.
Mr. N K Jayasankaran
Head -Projects



Enclosed Annexure - 1 - Bill of Quantities



Copy To: Facilities and Building Solutions Pvt. Ltd.

P. K. Bali,
Under Secretary,
Tele: 23013683
FAX: 23013655



प्रधान मंत्री कार्यालय
नई दिल्ली - 110011
PRIME MINISTER'S OFFICE
New Delhi - 110011

D.O. No. 82[(C-2015/8162)]-PMF

Dated: 06-April-2015.

Dear *Sh. Vasudevan,*

We acknowledge with thanks the generous contribution made to the Prime Minister's National Relief Fund.

The Prime Minister appreciates this thoughtful gesture and conveys his gratitude. This valuable contribution will be of immense help in providing assistance to the victims.

A formal receipt is enclosed.

With regards,

Yours faithfully,

[P.K. Bali]

SHRI K. VASUDEVAN,
L&T REALTY LIMITED,
P.B. NO.979, TC - 1 BUILDING,
2ND FLOOR, MOUND POONAMALLEE ROAD,
MANAPAKKAM, CHENNAI - 600 089,
TAMIL NADU

PRIME MINISTER'S NATIONAL RELIEF FUND

(PAN : AACTP4637Q)

Receipt No. 8903 / 2015

Date 06-Apr-2015

Received with thanks from AAT SOUTH CITY PROJECTS LTD.
P B NO.979, TC-1 BUILDING, 2ND
FLOOR, MOUND POONAMALLEE ROAD,
MANAPAKKAM, CHENNAI - 600 089

the sum of Rupees SEVENTEEN LAKH THREE THOUSAND SEVEN HUN DRED FOURTEEN ONLY
By Online Donation S45466678 dated 28/03/2015

VIJAYA BANK
NEW DELHI

₹ 1703714.00

**PRIME MINISTER'S OFFICE
NEW DELHI**

*(Contributions to Prime Minister's
National Relief Fund have been notified
for 100% deduction from Taxable
Income under section 80(G) of Income
Tax Act, 1961)*

Cheque Subject to Realisation


Section Officer
Prime Minister's National Relief Fund


Secretary
Prime Minister's National Relief Fund



K.Dis.No.5110/C1/2025
Dated.23.04.2025

O/o.the Director of Fire & Rescue Service,
No.17, Rukmani Lakshmi pathi Salai,
Egmore, Chennai - 600 008.

Licence No.263/2025 (Renewal)

Ref: (1) Online Application from the **M/s. Marigold Tower Welfare Association, Chengalpattu, Online Token No.270089, Dated:15.03.2025.**

(2) Letter R.C.No.1231/C/2025, dated:11.04.2025 from the Chairman, MSB Inspection Committee, **North-Western Region, Vellore.**

With reference to the letter first cited above the Fire Licence is renewed as under, based on the recommendations conveyed in the reference 2nd cited above.

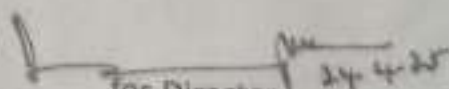
FIRE & RESCUE SERVICES LICENCE

The Fire Licence is hereby renewed under section 13 of the Tamil Nadu Fire and Rescue Service Act 1985 for the multi-storied building classified as **Group A Residential Building, Sub-Division A-4 Apartment Houses of M/s. Marigold Tower Welfare Association, Eden Park, Phase-2, Block A1 and C1 consists of stilt floor + 18 floors with the height of 59.75 meters at No.4, M.R. Radha Road, Behind SIPCOT IT Park, Siruseri, Pudupakkam Village, Chengalpattu District** subject to the following conditions and such other conditions as may be prescribed from time to time. This licence is valid for **THREE YEARS** from **23.04.2025** to **22.04.2028** and should be renewed on **23.04.2028**.

CONDITIONS

1. Periodical maintenance should always be ensured to keep all fire protection equipment and systems in good working condition.

2. "Mock drill" should be periodically conducted. The date of conduct should be informed to the District Officer, Chengalpet District well in advance to enable the team to make suggestions, if any.
3. Trained fire personnel should be available to operate the systems in case of any emergency.
4. All fire fighting equipment should always be kept in good working condition at all times.
5. Any erection of a permanent or temporary structure should be intimated to this Fire and Rescue Services Department.
6. With reference to air-conditioning it should not exceed the electricity board load on any account.
7. Available set back area 7 meters on all sides should be maintained to withstand the weight of 45 tons of fire fighting vehicle.
8. Housekeeping / dumping of waste material anywhere should be avoided. Dust bins should be cleared everyday.
9. Emergency fire exit, door should open from the floor to staircase only and not the other way round. The door should be in red reflector & arrow marks should commensurate with the gradient of staircase.
10. Do's & don'ts in times of emergencies should be available in a laminated hanging pad or otherwise in the telephone operator's desk as well as in the CE or emergency in charge of the officer's desk.
11. Alternate staircase should be kept free without any obstruction.
12. All staircases should be kept open during office hours and should be kept usable at any point of emergency.
13. Fire order / contingency plan should be prepared and displayed in each floor. It should also contain the rescue team members name, designation and contact number.
14. As per section 3.2 of BIS 12459, 1988 - code of practice for fire safety in cable regularization, 1m transparent fire retardant coatings shall be applied to all cables at termination points in electrical panels and all cables inside the distribution boxes.


For Director, 24/4/25
Fire and Rescue Services,
Tamil Nadu.

To:

M/s. Mangold Tower Welfare Association,
Eden Park Phase-2, Block A1 and C1
No.4, M.R. Radha Road, Behind SIPCOT IT Park,
Siruseri, Pudupakkam Village, Chengalpet District.*



Copy to:

The Deputy Director, Fire and Rescue Services,
North-Western Region, Vellore.

DG set at STP – 160 KVA





TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,
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 Matrix : Air-I
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : In Between Almond (A1) & Marigold (C1)
Environmental Condition : Temperature (°C) : 31 | Humidity (%) : 51.0
Sampling Method & Plan : IS 5182 Part 5 & Part 14

U/LR : TC/23/025000013554F
Report No. : HECS/L/AA/020/220425
Sample ID No. : HR220425017
Sampling Date : 22/04/2025
Received Date : 22/04/2025
Commenced Date : 22/04/2025
Completed On : 26/04/2025
Report Date : 26/04/2025
Sample Quantity : NA

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
Discipline : Chemical						
1	Lead	µg/m ³	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 ³	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 ³	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 ³	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	1 (Annual)
5	Benzene (a) pyrene	ng/m ³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Aromatic as NED	µg/m ³	6.11	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/ m ³	BLQ (LOQ: 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxide as NO2	µg/m ³	20.73	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O3	µg/m ³	11.95	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m ³	46.90	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m ³	24.85	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO2	µg/m ³	12.53	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note: BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Microgram per cubic meter, mg/m³- Milligram per cubic meter, ng/m³- Nanogram per cubic meter.

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

Etc of Report

D. Anusuya
Lab Manager
Authorized Signatory





TEST REPORT

Page: 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,

Address of the Client : Eden Park Township, M.R. Rudhu Main Road,
Behind Sipcot IT Park, Siruseri, Padupakkam 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 : Near Pench (B1)

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

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

ULR : TC1231025000013355F

Report No : HECSL/AA/021/220425

Sample ID No : HR22042028

Sampling Date : 22/04/2025

Received Date : 22/04/2025

Commenced Date : 22/04/2025

Completed On : 26/04/2025

Report Date : 26/04/2025

Sample Quantity : NA

S.No	Test Parameters	Units	Results	Test Method	NAAQ Standards : 2009	
Discipline : Chemical						
1	Lead	µg/m ³	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/041 Issue No. 01 Issue Date 01.01.2021	1 (24 hours)	3.5 (Annual)
2	Arsenic	ng/m ³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/041 Issue No. 01 Issue Date 01.01.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m ³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/041 Issue No. 01 Issue Date 01.01.2021	20 (Annual)	20 (Annual)
4	Benzene	µg/m ³	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzene (a) pyrene	ng/m ³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Aerosols as TSP	µg/m ³	8.77	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/m ³	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxide as NO2	µg/m ³	23.20	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O3	µg/m ³	11.78	IS 5182 (Part 9) 1974	100 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m ³	49.32	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m ³	17.68	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO2	µg/m ³	12.93	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, ng/m³- Milligrams per cubic meter, ng/m³- Nanograms per cubic meter.

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

End of Report



D. Annamya
Lab Manager
Authorized Signatory

**TEST REPORT**

Page: 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,

Address of the Client : Eden Park Township, M.R. Radhu Main Road,
Behind Sipcot IT Park, Sioneri, Pulupakkam Village, Chennai - 603 103.

Group : Atmospheric Pollution

Sample Name : Stack Emission

Sample Matrix : Jasmine (C7)

Sample Reference : NA

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

Sample Location : NA

Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 54.0

Sampling Method & Plan : IS 11255

UTR : TC125102500013357F

Report No. : HECS/SL/001/220425

Sample ID No : HR220425025

Sampling Date : 22/04/2025

Received Date : 22/04/2025

Commissioned Date : 22/04/2025

Completed On : 26/04/2025

Report Date : 26/04/2025

Sample Quantity : NA

Stack Details

S.No.	Particulars	Units	Stack Specification
1	Stack Height	Meter	19.0
2	Stack Diameter	Meter	0.3

Discipline : Chemical

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Carbon Monoxide (CO)	%	BLQ(LIQ 0.2)	IS 13270 Clause 4 1992	% Max
2	Flue Gas Velocity	m/sec	14.1	IS 11255 (Part 3) Clause 10 2008	-
3	Particulate matter (PM)	mg/Nm ³	29.67	IS 11255 Part 1 1985	CNTE-150
4	Sulphur dioxide (SO ₂)	mg/Nm ³	121	IS 11255 (Part 2) 1985	-
5	Nitrogen dioxide (NO ₂)	mg/Nm ³	121	IS 11255 (Part 7) 2005	-
6	Flue Gas Discharge (Flow Rate)	Nm ³ /hr	1856.0	IS 11255 (Part 3) Clause 6 2008	-
7	Flue Gas Temperature	°C	133.0	IS 11255 (Part 3) Clause 6 2008	-

Note:- BLQ - Below the Limit of Quantification, LIQ- Limit of Quantification, Nm³/hr - Normal cubic meter per hour,CNTE- Concentration not to Exceed, mg/Nm³- Milligrams per Normal cubic meter, °C- Degree Celsius,

m/s- Meter per second, %V/V - Percentage, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of CPCB Stack Emission Standards.

End of Report

D. Anusya
Lab Manager
Authorized Signatory



TEST REPORT

Page 1 of 1

Name of the Client : M/s. Pragya South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipeat IT Park, Siruseri, Padugakkam Village, Chennai - 603 103.
Group : Water
Sample Name : Raw Water
Sample Mark : Ground Water
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : GW-I Club House Open Well
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 54.0
Sampling Method & Plan : IS 17614 (Part-1) : 2021

U/R : TC1231025000013356F
Report No. : HECSL/WT/083/220425
Sample ID No : HR220425031
Sampling Date : 22/04/2025
Received Date : 22/04/2025
Commenced Date : 22/04/2025
Completed On : 26/04/2025
Report Date : 26/04/2025
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	3.18	IS 3025 Part 46: 1994 (Volumetric Method using EDTA)	30	100
2	Calcium as Ca	mg/l	4.81	IS 3025 (Part 40): 1994(EDTA titrimetric method)	75	300
3	Chloride as Cl	mg/l	21.77	IS 3025 (Part 32): 1988 (Argentometric method)	250	1000
4	Colour	Hazen units	BLQ(LOQ) : 0	IS 3025 (Part 6): 2021	5	15
5	Odour	-	Agreeable	IS 3025 (Part 5): 2018	Agreeable	Agreeable
6	Electrical Conductivity at 25°C	µS/cm	119.0	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	-	6.98	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- Milligram 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. Ananya
Lab Manager
Authorized Signatory

**TEST REPORT**

Page : 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,

Address of the Client : Eden Park Township, M.R. Radhu Main Road,
Behind Sipcot IT Park, Siruseri, Podupakkam 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 : Near Jasmine (C7)

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

Sampling Method & Plan : ICARDA : 2013

URL : TC1231025000013358F

Report No. : HECSL/SD/981/220425

Sample ID No : HR220425029

Sampling Date : 22/04/2025

Received Date : 22/04/2025

Commenced Date: 22/04/2025

Completed On : 26/04/2025

Report Date : 26/04/2025

Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	pH Value @ 25 °C (1 : 2.5)	-	7.12	IS 2720 (Part 56) 1987
2	Electrical conductivity @ 25 °C (1 : 2)	µS/cm	190.0	IS 14767: 2020
3	Organic Matter	%	0.62	IS 2720 (Part 22) Section 1 1972
4	Water Holding capacity	%	21.8	IS 14765: 2020
5	Available Phosphorus as P	µg/g	BLQ/LOQ 3.00	FAO of United Nations, Rome Chapter - III 2008
6	Available Potassium	mg/100g	14.4	FAO of United Nations, Rome Chapter - III 2008
7	Total Soluble Sulphates	mg/100g	32.46	IS 2720 Part 27 Clause 4 1972
8	Total Nitrogen as N	%	0.0159	IS 14684 Clause 4 1999
9	Copper	mg/Kg	32.18	HECS-G/INS/SOP/ 042 Issue No:01 Issue Date:01.01.2021
10	Zinc	mg/kg	6.29	HECS-G/INS/SOP/ 042 Issue No:01 Issue Date:01.01.2021
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 ReportD. Anusuya
Lab Manager
Authorized Signatory

TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragaya South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipent IT Park, Siruseri, Pudupakkam Village, Chennai - 603 103.
Group : Pollution & Environment
Sample Name : Soil
Sample Mtd : SI
Sample Reference : NA
Sample Taken By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : Near Jasmine (C7)
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 56.0
Sampling Method & Plan : ICARDA : 2013

Report No. : HECS/SL/SD/001/220425/N
Sample ID No : HR220425029
Sampling Date : 22/04/2025
Received Date : 22/04/2025
Commenced Date: 22/04/2025
Completed On : 26/04/2025
Report Date : 26/04/2025
Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Magnesium	mg/kg	63.62	HECS-Q/ENS/SOP/ 042
2	Iron	mg/kg	3.12	titration method
3	Calcium Carbonate	%	1.026	IS 2720 (Part 23): 1976

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

End of Report



D. Anusuya
Lab Manager
Authorized Signatory

**TEST REPORT**

Page : 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,

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

Group : Pollution & Environment

Sample Name : Waste Water

Sample Mark : STP Treated

Sample Reference : NA

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

Sample Location : 300 KLD & 400 KLD

Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 52.0

Sampling Method & Plan : ICARDA : 2013

ULR : TCE23182500013358F

Report No. : HECSL/WW/001/220425

Sample ID No : HR220425030

Sampling Date : 22/04/2025

Received Date : 22/04/2025

Commenced Date : 22/04/2025

Completed On : 26/04/2025

Report Date : 26/04/2025

Sample quantity : 2 Kg

S.No.	Test Parameters	Units	Results	Test Method	TNPCB Limits ^A
Discipline : Chemical					
1	Bio-Chemical Oxygen Demand(BOD) 3 days @27 ° C	mg/l	9.0	IS 3025 (Part 44) 1993	10
2	Chemical Oxygen Demand (COD)	mg/l	40.0	IS 3025 (Part 38) 2006	50
3	Chloride as Cl-	mg/l	276.9	IS 3025 (Part 52) Clause 2 1988	-
4	Oil and grease	mg/l	BLQ (LOQ 4.0)	IS - 3025 (Part 39) Clause 5 2021	-
5	pH value @ 25 ° C	-	7.32	IS 3025 (Part 11) Clause 2 2022	5.5-9.0
6	Sulphate as SO42-	mg/l	34.14	IS:3025 (Part 24) Clause 4 1988	-
7	Total dissolved solids @ 180° C	mg/l	1140.0	IS 3025 (Part 16) 1984	-
8	Total suspended solids @ 105° C	mg/l	19.0	IS-3025 (Part 17) 1984	20

Note : BLQ : Below Limit of Quantification, LOQ: Limit of Quantification, mg/l: milligram per Litre.

^AMega and Metropolitan Cities As Per Standards for STP Outlet.

Remarks: STP Outlet as above parameters meets TNPCB Standards.

End of Report

D. Ananya
Lab Manager
Authorized Signatory

**TEST REPORT**

Page : 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Sriruseri, Pudukkottai Village, Chennai - 603 103.
Group : Atmospheric Pollution
Sample Name : Ambient Noise Levels (Excluding vibration)
Sample Mark : Ambient Noise
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 55.0
Sampling Method & Plan : IS 9989 : 1981

ULR : TC1231025000013360F
Report No. : HECS/AN/001/220425
Sample ID No. : HR220425026
Sampling Date : 22/04/2025
Received Date : 22/04/2025
Commenced Date : 22/04/2025
Completed On : 26/04/2025
Report Date : 26/04/2025
Sample Quantity : NA

S.No.	Location	Time (Hrs)	Noise Level in dB(A)
1	Near CEO Office	09.30	54.6
2	Near Block C7	09.45	53.3
3	Near A1 Block	10.00	57.3
4	Near B1 Block	10.15	55.3
5	Near C1 Block	10.30	59.7
6	Near Batching Plant	10.40	53.0

Limits set by CPCB:

- Industrial Area : Day Time-75 dB (A); Night Time-70 dB (A).
- Commercial Area: Day Time-65 dB (A); Night Time-55 dB (A).
- Residential Area : Day Time-55 dB (A); Night Time-45 dB (A).
- Silence Zone : Day Time-50 dB (A); Night Time-40 dB (A).

Limits set by Tamil Nadu Factories Rules, 1950 Permissible Limit of Exposure (8hrs):

- Workzone : 90 dB (A)

End of Report



D. Anusuya
Lab Manager
Authorized Signatory



TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,
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 : In Between Almond (AI) & Marigold (CI)
Environmental Condition : Temperature (°C) : 31 | Humidity (%) : 51.0
Sampling Method & Plan : IS 5182 Part 5 & Part 14

ULR : TC 12310250000143560
Report No. : HECSE/A/012/210525
Sample ID No : HR210525019
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 ³	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	µg/m ³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/041 Issue No. 01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	µg/m ³	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 ³	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene	µg/m ³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Arsenic as NEQ	µg/m ³	6.44	IS 5182 (Part 23) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/m ³	BLQ (LOQ: 0.02)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxide as NO ₂	µg/m ³	20.19	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O ₃	µg/m ³	13.56	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m ³	45.30	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m ³	19.67	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO ₂	µg/m ³	9.41	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, mg/m³- Milligrams per cubic meter, ng/m³- 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 South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipeet IT Park, Siruseri, Pudupakkam Village, Chennai - 600 103.
Group : Atmospheric Pollution
Sample Name : Ambient Air
Sample Mark : Air-2
Sample Reference : NA
Sample Reason By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : Near Peach (B1)
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0
Sampling Method & Plan : IS 5182 Part 5 & Part 14

ULR : TC12310250000143571
Report No. : HECSL/AA/021/220425
Sample ID No : HR210525020
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 ³	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 ³	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 ³	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 ³	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzene (o) pyrene	ng/m ³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH ₃	µg/m ³	8.97	IS 5182 (Part 23) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/m ³	BLQ(LOQ:0.05)	IS 5182 (Part 10) Clause 4 1999	5 (1 hours)	2 (8 hours)
8	Nitrogen dioxide as NO ₂	µg/m ³	23.51	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O ₃	µg/m ³	16.75	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m ³	41.30	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m ³	25.67	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO ₂	µg/m ³	9.15	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, mg/m³- Milligrams per cubic meter, ng/m³- Nanograms per cubic meter.

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

End of Report



D. Anusya
Lab Manager
Authorized Signatory

**TEST REPORT**

Page: 1 of 1

ULR : TC1231025000014354F
Report No. : HECSL/ST/001/210525
Sample ID No : HR210525017
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

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Radha Mann Road,
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai - 603 103.
Group : Atmospheric Pollution
Sample Name : Stack Emission
Sample Mat's : Jasmine (C7)
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 54.0
Sampling Method & Plan : IS 11255

Stack Details

S.No.	Particulars	Units	Stack Specification
1	Stack Height	Meter	19.0
2	Stack Diameter	Meter	0.3

Discipline : Chemical

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Carbon Monoxide (CO)	%	BLQ(LOQ 0.2)	IS 13270 Clause 4.1.993	1% Max
2	Flue Gas Velocity	m/sec	9.3	IS 11255 (Part 3) Clause 10.2008	-
3	Particulate matter (PM)	mg/Nm ³	44.26	IS 11255 Part 1. 1985	CNTE: 100
4	Sulphur dioxide (SO ₂)	mg/Nm ³	121	IS 11255 (Part 2) 1985	-
5	Nitrogen dioxide (NO ₂)	mg/Nm ³	121	IS 11255 (Part 7) 2005	-
6	Flue Gas Discharge (Flow Rate)	Nm ³ /hr	2209.0	IS 11255 (Part 3) Clause 6.2008	-
7	Flue Gas Temperature	°C	123.0	IS 11255 (Part 3) Clause 6.2008	-

Note:- BLQ - Below the Limit of Quantification, LOQ - Limit of Quantification, Nm³/hr - Normal cubic meter per hour,CNTE- Concentration not to Exceed, mg/Nm³- Milligram per Normal cubic meter, °C- Degree Celsius,

m/s- Meter per second, %V/V - Percentage, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of CPCB Stack Emission Standards.

End of Report

D. Anusuya
Lab Manager
Authorized Signatory



TEST REPORT

Page - 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,
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 Mch : Ground Water
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : GW-1 Club House Open Well
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 54.0
Sampling Method & Plan : IS 17614 (Part-1) : 2021

U.I.R : TC/251025000014355F
Report No. : HECSL/WT/003/210525
Sample ID No : HR210525023
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)	Prohibitive Limits (Max)
Discipline : Chemical						
1	Magnesium as Mg	mg/l	2.67	IS 3025 (Part 46) : 1996 (Volumetric Method using EDTA)	30	100
2	Calcium as Ca	mg/l	5.21	IS 3025 (Part 40) : 1991 (EDTA titrimetric method)	75	300
3	Chloride as Cl	mg/l	19.79	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	114.0	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	-	7.04	IS 3025(Part 11) : 2022	6.5-8.5	No relaxation
9	Residue silica as SiO2	mg/l	BLQ(LOQ:0.02)	IS 3025 Part 35 : 1988 (Molybdate 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, NTE- Nephelometric Turbidity Unit, mg/l- Milligrams per litre, NA - Not Applicable.

Remark: 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

**TEST REPORT**

Page: 1 of 1

Name of the Client : M/s. Pragaya South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipeet IT Park, Siruseri, Podupukkam Village, Chennai - 603 163.
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 : Near Jasmine (C7)
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 56.0
Sampling Method & Plan : ICARDA : 2013

ULR : TC 123102500001-03580
Report No. : HEC/SL/SD/001/220425
Sample ID No. : HR210525021
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	pH Value @ 25 °C (1 : 2.5)	-	7.47	IS 3720 (Part 26) 1987
2	Electrical conductivity @ 25 °C (1 : 2)	µS/cm	196.0	IS 14767: 2000
3	Organic Matter	%	0.68	IS 3720 (Part 22) Section 1 1973
4	Water Holding capacity	%	22.4	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	14.7	FAO of United Nations, Rome Chapter - III 2008
7	Total Soluble Sulphates	mg/100g	41.46	IS 2720 Part 27 Clause 4 1977
8	Total Nitrogen as N	%	0.0138	IS 14684 Clause 4 1999
9	Copper	mg/Kg	27.14	HECS-G/INS/SO/042 Issue No.01 Issue Date:01.03.2021
10	Zinc	mg/kg	5.30	HECS-G/INS/SO/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.Amsoya
Lab Manager
Authorized Signatory

Hubert Enviro Care Systems (P) Ltd.

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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 South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Niprot IT Park, Siruseri, Padupakkam 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 : Near Jasmine (C7)
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 56.0
Sampling Method & Plan : ICARDA : 2013

Report No. : HECS/LS/001/210525/N
Sample ID No : HR210525021
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	65.10	HECS-G/BS/ISO/ 042
2	Iron	mg/kg	4.26	Inhouse method
3	Calcium Carbonate	%	1.216	IS 2720 (Part 2): 1976

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

End of Report



D. Anusuya
Lab Manager
Authorized Signatory

**TEST REPORT**

Page: 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai - 403 103,
Group : Pollution & Environment
Sample Name : Waste Water
Sample Mark : STP Treated
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : 300 KI.D& 400 KI.D
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 52.0
Sampling Method & Plan : ICARDA : 2013

ULR : TC123102S00014359F
Report No. : HECSL/WW/003/210525
Sample ID No : HR210525022
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	TNPCR Limits*
Discipline : Chemical					
1	Bio-Chemical Oxygen Demand(BOD) 3 days @27 ° C	mg/l	5.0	IS 3025 (Part 44) 1993	10
2	Chemical Oxygen Demand (COD)	mg/l	24.9	IS 3025 (Part 58) 2006	50
3	Chloride as Cl-	mg/l	316.7	IS 3025 (Part 32) Clause 2 1980	-
4	Oil and grease	mg/l	BLQ (LOQ) 4.0	IS : 3025 (Part 39) Clause 5 2012	-
5	pH value @ 25 ° C	-	7.86	IS 3025 (Part 11) Clause 2 2012	5.5-9.0
6	Sulphate as SO42-	mg/l	41.98	IS:3025 (Part 24) Clause 4 1986	-
7	Total dissolved solids @ 180° C	mg/l	1350.8	IS 3025 (Part 16) 1984	-
8	Total suspended solids @ 199° C	mg/l	16.0	IS: 3025 (Part 17) 1984	20

Note : BLQ : Below Limit of Quantification, LOQ: Limit of Quantification, mg/l: milligram per Litre.

*Mega and Metropolitan Cities As Per Standards for STP Outlet.

Remarks: STP Outlet as above parameters meets TNPCR Standards.

End of Report

D.Ananya
Lab Manager
Authorized Signatory

**TEST REPORT**

Page : 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Sriruseri, Pudupakkam Village, Chennai - 600 103.
Group : Atmospheric Pollution
Sample Name : Ambient Noise Levels (Excluding vibration)
Sample Mark : Ambient Noise
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 55.0
Sampling Method & Plan : IS 9989 : 1981

ULR : TC 12310250000133600
Report No : HECSL/AN/001/210525
Sample ID No : HR210525018
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.	Location	Time (Hrs)	Noise Level in dB(A)
1	Near CEO Office	09.30	53.2
2	Near Block C7	09.45	55.3
3	Near A1 Block	10.00	54.5
4	Near B1 Block	10.15	57.5
5	Near C1 Block	10.30	56.7
6	Near Batching Plant	10.40	55.0

Limits set by CPCB:

- Industrial Area : Day Time-75 dB (A); Night Time-70 dB (A).
- Commercial Area: Day Time-65 dB (A); Night Time-55 dB (A).
- Residential Area : Day Time-55 dB (A); Night Time-45 dB (A).
- Silence Zone : Day Time-50 dB (A); Night Time-40 dB (A).

Limits set by Tamil Nadu Factories Rules, 1950 Permissible Limit of Exposure (8hrs) :

- Workzone : 90 dB (A)

End of Report



D. Anusuya
Lab Manager
Authorized Signatory



TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sigent 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 : In Between Almond (A1) & Marigold (C1)
Environmental Condition : Temperature (°C) : 31 | Humidity (%) : 51.0
Sampling Method & Plan : IS 5182 Part 5 & Part 14

U/LR : TC1231025000015356F
Report No. : HECS/AA/02/200625
Sample ID No. : HR200625029
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 ³	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 ³	BLQ (LOQ: 2.0)	HECS-G/INS-SOP/041 Issue No. 01 Issue Date:01.03.2021	4 (Annual)	5 (Annual)
3	Nickel	ng/m ³	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 ³	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzene (m) system	ng/m ³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Arsenic as Ni15	µg/m ³	5.26	IS 5182 (Part 23) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/m ³	BLQ (LOQ:)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	7 (8 hours)
8	Nitrogen dioxide as NO2	µg/m ³	19.33	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O3	µg/m ³	12.95	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m ³	43.81	IS 5182 (Part 33) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m ³	20.16	IS 5182 (Part 34) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO2	µg/m ³	11.89	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, mg/m³- Milligrams per cubic meter, ng/m³- 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 South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Radka Main Road,
Behind Sipcot IT Park, Sriruseri, Podupakkam 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 : Near Peach (B1)
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0
Sampling Method & Para : IS 5182 Part 5 & Part 14

U/LR : TC1231025000015357F
Report No. : HECSL/AA/023/200625
Sample ID No. : HR200625030
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 ³	BLQ (LOQ: 0.002)	HECS-G/MS/SOP/ 041 Issue No.-01 Issue Date-01.01.2021	1 (24 hours)	0.2 (Annual)
2	Arsenic	ng/m ³	BLQ (LOQ: 2.0)	HECS-G/MS/SOP/ 041 Issue No.-01 Issue Date-01.01.2021	6 (Annual)	6 (Annual)
3	Nickel	ng/m ³	BLQ (LOQ: 2.0)	HECS-G/MS/SOP/ 041 Issue No.-01 Issue Date-01.01.2021	20 (Annual)	20 (Annual)
4	Benzene	µg/m ³	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzene (o) pyrene	ng/m ³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH ₃	µg/m ³	6.13	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/m ³	BLQ (LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxide as NO ₂	µg/m ³	21.59	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O ₃	µg/m ³	10.78	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m ³	45.33	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m ³	24.19	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO ₂	µg/m ³	19.08	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, mg/m³- Milligrams per cubic meter, ng/m³- Nanograms per cubic meter.

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

End of Report



D.Annamya
Lab Manager
Authorized Signatory

**TEST REPORT**

Page 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,
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 : Stack Emission
Sample Mark : Jasmine (C7)
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 54.0
Sampling Method & Plan : IS 11255

ULR : TC 123102500015554F
Report No. : HECS/ST/001/210525
Sample ID No : HR200625027
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

Stack Details

S.No.	Particulars	Units	Stack Specification
1	Stack Height	Meter	14.0
2	Stack Diameter	Meter	0.3

Discipline : Chemical

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Carbon Monoxide (CO)	%	BEQ/LOQ (L2)	IS 13270 Clause 4 1982	1% Max
2	Flue Gas Velocity	m/sec	18.5	IS 11255 (Part 3) Clause 10 2008	-
3	Particulate matter (PM)	mg/Nm ³	36.93	IS 11255 Part 1 1982	CENTL 150
4	Sulphur dioxide (SO ₂)	mg/Nm ³	121	IS 11255 (Part 2) 1982	-
5	Nitrogen dioxide (NO ₂)	mg/Nm ³	121	IS 11255 (Part 2) 2005	-
6	Flue Gas Discharge (Flow Rate)	Nm ³ /hr	2316.0	IS 11255 (Part 3) Clause 6 2008	-
7	Flue Gas Temperature	°C	127.0	IS 11255 (Part 3) Clause 6 2008	-

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, Nm³/hr - Normal cubic meter per hour,
CENTE- Concentration not to Exceed, mg/Nm³- Milligrams per Normal cubic meter, °C- Degree Celsius,
m/s- Meter per second, %V/V - Percentage, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of CPCB Stack Emission Standards.

End of Report



D. Anusuya
Lab Manager
Authorized Signatory



TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipent IT Park, Siraseri, Padiyakkam Village, Chennai – 603 103.
Group : Water
Sample Name : Raw Water
Sample Mark : Ground Water
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care System (P) Ltd.
Sample Location : GW-1 Club House Open Well
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 54.0
Sampling Method & Plan : IS 17614 (Part-1) : 2021

U.L.R : TC123102500000153551
Report No : HECSL/WT/003/200625
Sample ID No : HR200625033
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)
Discipline : Chemical						
1	Magnesium as Mg	mg/l	3.16	IS 3025 Part 46: 1994 (Volumetric Method using EDTA)	30	100
2	Calcium as Ca	mg/l	6.01	IS 3025 (Part 44): 1991(EDTA titrimetric method)	75	200
3	Chloride as Cl	mg/l	22.76	IS 3025 (Part 32): 1988 (Argentometric method)	250	1000
4	Colour	Platinum 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	131.0	IS 3025 (Part-14): 2013	NA	NA
7	Iron as Fe	mg/l	BLQ(LOQ:0.03)	IS 3025 (Part 53): 2003	1.0	No relaxation
8	pH at 25°C	-	7.23	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

**TEST REPORT**

Page : 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siruseri, Podupakkam Village, Chennai - 603 103.
Group : Pollution & Environment
Sample Name : Soil
Sample Mark : S1
Sample Reference : NA
Sample Taken By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : Near Jasmine (C7)
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 56.0
Sampling Method & Plan : ICARDA : 2013

ULR : TC123102500015358F
Report No : HECSTL/SD/004/200625
Sample ID No : HEC200625031
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)	-	7.34	IS 2720 (Part 2a) 1987
2	Electrical conductivity @ 25 ° C (1 : 2)	µS/cm	179.0	IS 14767: 2000
3	Organic Matter	%	0.59	IS 2720 (Part 22) Section 1 1872
4	Water Holding capacity	%	20.8	IS 14765: 2000
5	Available Phosphorus in P	ppm	BLQ/LOQ 5.0)	FAO of United Nations, Rome Chapter - III 2008
6	Available Potassium	mlq/100g	14.6	FAO of United Nations, Rome Chapter - III 2008
7	Total Soluble Sulphates	mg/100g	48.1 6	IS 2720 Part 27 Clause 4 1977
8	Total Nitrogen as N	%	0.014	IS 14484 Clause 4 1999
9	Copper	mg/Kg	25.24	HECS-G/INS/SOP/ 042 Issue No. 01 Issue Date: 01.03.2021
10	Zinc	mg/kg	6.12	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. Anusya
Lab Manager
Authorized Signatory

TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Radhu Main Road,
Behind Sipcot IT Park, Siroseri, Pulupakkam Village, Chennai - 603 103.
Group : Pollution & Environment
Sample Name : Soil
Sample Mark : S1
Sample Reference : NA
Sample Taken By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : Near Jasmine (C7)
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 56.0
Sampling Method & Plan : ICARDA : 2013

Report No : HECSL/SD/001/200625/N
Sample ID No : HR200625031
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	Magnesium	mg/kg	60.14	HECS-G/PS/SOP 012
2	Iron	mg/kg	3.62	titrimetric method
3	Calcium Carbonate	%	1.116	IS 2720 (Part 23) : 1976

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

End of Report



D. Anusuya
Lab Manager
Authorized Signatory



TEST REPORT

Page: 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Srirameri, Pudupakkam Village, Chennai - 603 103.
Group : Pollution & Environment
Sample Name : Waste Water
Sample Mark : STP Treated
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : 300 KLD & 400 KLD
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 52.0
Sampling Method & Plan : ICARDA : 2013

ULR : TC1231025000015359F
Report No. : HECSLAVW/001/200625
Sample ID No : HR200625032
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	TNPCB Limits*
Discipline : Chemical					
1	Bio-Chemical Oxygen Demand(BOD) 5 days @27 ° C	mg/l	4.0	IS 3025 (Part 44) 1993	10
2	Chemical Oxygen Demand (COD)	mg/l	20.0	IS 3025 (Part 56) 2006	50
3	Chloride as Cl-	mg/l	276.6	IS 3025 (Part 32) Clause 2 1988	-
4	Oil and grease	mg/l	BLQ (LOQ 4.0)	IS : 3025 (Part 39) Clause 5 2021	-
5	pH value @ 25 ° C	-	7.24	IS 3025 (Part 11) Clause 2 2012	5.5-9.0
6	Sulphate as SO42-	mg/l	42.16	IS:3025 (Part 24) Clause 4 1986	-
7	Total dissolved solids @ 180° C	mg/l	1142.0	IS 3025 (Part 16) 1984	-
8	Total suspended solids @ 105° C	mg/l	14.0	IS- 3025 (Part 17) 1984	20

Note : BLQ : Below Limit of Quantification, LOQ: Limit of Quantification, mg/l: milligram per Litre.

*Mega and Metropolitan Cities As Per Standards for STP Outlet.

Remarks: STP Outlet as above parameters meets TNPCB Standards.

End of Report



D. Ananya
Lab Manager
Authorized Signatory

**TEST REPORT**

Page: 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Sirasuri, Pudupakkam Village, Chennai - 603 103.
Group : Atmospheric Pollution
Sample Name : Ambient Noise Levels (Excluding vibration)
Sample Mark : Ambient Noise
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 55.0
Sampling Method & Plan : IS 9089 : 1981

ULR : TC12510250000133607
Report No. : HECS/AN/001/200625
Sample ID No : HR20062528
Sampling Date : 20/06/2025
Received Date : 20/06/2025
Commenced Date : 20/06/2025
Completed On : 26/05/2025
Report Date : 26/05/2025
Sample Quantity : NA

S.No.	Location	Time (Hrs)	Noise Level in dB(A)
1	Near CEO Office	09.30	55.4
2	Near Block C7	09.45	53.0
3	Near A1 Block	10.00	57.2
4	Near B1 Block	10.15	56.4
5	Near C1 Block	10.30	55.1
6	Near Banding Plant	10.40	57.2

Limits set by CPCB:

- i. Industrial Area : Day Time-75 dB (A); Night Time-70 dB (A)
- ii. Commercial Area: Day Time-65 dB (A); Night Time-55 dB (A)
- iii. Residential Area : Day Time-55 dB (A); Night Time-45 dB (A)
- iv. Silence Zone : Day Time-50 dB (A); Night Time-40 dB (A)

Limits set by Tamilnadu Factories Rules, 1950 Permissible Limit of Exposure (8hrs):

- i) Workzone : 90 dB (A)

End of Report



D. Anusya
Lab Manager
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TEST REPORT

Page 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,
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 Taken By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : In Between Almond (A1) & Marigold (C1)
Environmental Condition : Temperature (°C): 31 | Humidity (%): 51.0
Sampling Method & Plan : IS 5182 Part 5 & Part 14

ULR : TC123102500016651E
Report No. : HECSI/A/3004/250725
Sample ID No : HR250725011
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 ³	BLQ (LOQ: 0.002)	HECS-G/MS/SOP/041 Issue No. 01 Issue Date: 01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	µg/m ³	BLQ (LOQ: 2.0)	HECS-G/MS/SOP/041 Issue No. 01 Issue Date: 01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	µg/m ³	BLQ (LOQ: 2.0)	HECS-G/MS/SOP/041 Issue No. 01 Issue Date: 01.03.2021	20 (Annual)	20 (Annual)
4	Benzene	µg/m ³	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzene (a) pyrene	µg/m ³	BLQ (LOQ: 0.1)	IS 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Arsenite as NiD	µg/m ³	8.90	IS 5182 (Part 23) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/m ³	BLQ (LOQ: 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxide as NO ₂	µg/m ³	24.13	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O ₃	µg/m ³	12.87	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m ³	42.95	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m ³	25.50	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO ₂	µg/m ³	9.15	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, mg/m³- Milligrams per cubic meter, ng/m³- 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 South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipeet IT Park, Siruseri, Podupakkam Village, Chennai - 605 103.
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 : Near Peach (B1)
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 54.0
Sampling Method & Plan : IS 5182 Part 5 & Part 14

ULR : TC1231025000166520
Report No. : HECS/AA/005/250725
Sample ID No : HR250725012
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 ³	BLQ (LOQ: 0.102)	HECS-G/INS/SOP/041 Issue No. 01 Issue Date:01.03.2021	1 (24 hours)	0.1 (Annual)
2	Arsenic	ng/m ³	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 ³	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 ³	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzene (a) pyrene	ng/m ³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH ₃	µg/m ³	7.10	IS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/ m ³	BLQ(LOQ 0.05)	IS 5182 (Part 16) Clause 4 1999	4 (3 hours)	2 (8 hours)
8	Nitrogen dioxide as NO ₂	µg/m ³	19.67	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O ₃	µg/m ³	12.32	IS 5182 (Part 9) 1974	180 (1 hours)	180 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m ³	51.80	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m ³	24.71	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO ₂	µg/m ³	13.55	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, mg/m³- Milligrams per cubic meter, ng/m³- 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 South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Sriraseri, Podupukkam Village, Chennai - 603 103.
Group : Atmospheric Pollution
Sample Name : Stack Emission
Sample Mark : Jasmine (C7)
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 54.0
Sampling Method & Plan : IS 11255

ULR : TC 1231025000016653F
Report No. : HECS/SL/ST/001/250725
Sample ID No : HR250725009
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

Stack Details

S.No.	Particulars	Units	Stack Specification
1	Stack Height	Meter	19.0
2	Stack Diameter	Meter	0.3

Discipline : Chemical

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Carbon Monoxide (CO)	%	BLQ(LOQ 0.2)	IS 13270 Clause 4 1992	1% Max
2	Flue Gas Velocity	m/sec	8.2	IS 11255 (Part 3) Clause 10 2008	-
3	Particulate matter (PM)	mg/Nm ³	32.61	IS 11255 Part 1 1985	CNTE, 150
4	Sulphur dioxide (SO ₂)	mg/Nm ³	121	IS 11255 (Part 2) 1985	-
5	Nitrogen dioxide (NO ₂)	mg/Nm ³	121	IS 11255 (Part 7) 2005	-
6	Flue Gas Discharge (Flow Rate)	Nm ³ /hr	2410.0	IS 11255 (Part 3) Clause 6 2008	-
7	Flue Gas Temperature	°C	128.0	IS 11255 (Part 3) Clause 6 2008	-

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, Nm³/hr - Normal cubic meter per hour,
CNTE- Concentration not to Exceed, mg/Nm³- Milligrams per Normal cubic meter, °C- Degree Celsius,
m/s- Meter per second, %V/V - Percentage, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of CPCB Stack Emission Standards.

End of Report



D. Anusuya
Lab Manager
Authorized Signatory



TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,

U/LR : TC1231625000016654F

Report No. : HECSL/WT/DRU/200625

Sample ID No : HR250725015

Sampling Date : 25/07/2025

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

Group : Water

Received Date : 25/07/2025

Sample Name : Raw Water

Commenced Date: 25/07/2025

Sample Matrix : Ground Water

Completed On : 30/07/2025

Sample Reference : NA

Report Date : 30/07/2025

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

Sample quantity: 2 liters

Sample Location : GW-1 Club House Open Well

Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 54.0

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

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	3.16	IS 3025 Part 46: 1994 (Volumetric Method using EDTA)	30	100
2	Calcium as Ca	mg/l	8.41	IS 3025 (Part 40): 1991(EDTA titrimetric method)	75	200
3	Chloride as Cl	mg/l	25.73	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	137.0	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	-	7.48	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 25: 1988 (Molybdosilicic 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- Milligram per litre, NA- Not Applicable.

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



D. Anusuya
Lab Manager
Authorized Signatory

**TEST REPORT**

Page: 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sigcot IT Park, Siruseri, Padupakkam 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 : Near Jasmine (C7)

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

Sampling Method & Plan : ICARDA : 2013

ULR : TC 1251025000016645F

Report No. : HECS/SL/SO/004/250725

Sample ID No : HR2507251013

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	pH Value @ 25 °C (1 : 2.5)	-	7.36	IS 2720 (Part 26) 1987
2	Electrical conductivity @ 25 °C (1 : 2)	µS/cm	167.8	IS 14767: 2000
3	Organic Matter	%	21.5	IS 2720 (Part 23) Section 11972
4	Water Holding capacity	%		IS 14765: 2000
5	Available Phosphorus as P	mg/g	BLQ/LOQ 5.0	FAO of United Nations, Rome Chapter - III 2000
6	Available Potassium	ml/g/100g	12.5	FAO of United Nations, Rome Chapter - III 2000
7	Total Soluble Sulphates	mg/100g	37.16	IS 2720 Part 27 Clause 4 1977
8	Total Nitrogen as N	%	0	IS 14084 Clause 4 1999
9	Copper	mg/kg	26.25	HECS-G/INS/SO/0942 Issue No. 01 Issue Date: 01.03.2021
10	Zinc	mg/kg	6.39	HECS-G/INS/SO/0942 Issue No. 01 Issue Date: 01.03.2021
11	Soil Texture	-	Sandy Loam	FAO of United Nations, Rome Chapter - III 2000

Note :- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, mg/kg- Milligrams per kilograms, % - Percentage.
End of ReportD. Anusuya
Lab Manager
Authorized Signatory

TEST REPORT

Page : 1 of 1

Report No. : HECS/SL/SD/001/250725/N
 Sample ID No : HR250725013
 Sampling Date : 25/07/2025
 Received Date : 25/07/2025
 Consumed Date : 25/07/2025
 Completed On : 30/07/2025
 Report Date : 30/07/2025
 Sample quantity : 2 Kg

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.
 Address of the Client : Eden Park Township, M.R. Radha Main Road,
 Behind Sipcot IT Park, Siruseri, Podupakkam Village, Chennai - 603 103.
 Group : Pollution & Environment
 Sample Name : Soil
 Sample Matn : S1
 Sample Reference : NA
 Sample Taken By : M/s. Hubert Enviro care Systems (P) Ltd.
 Sample Location : Near Jasmine (C7)
 Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 56.0
 Sampling Method & Plan : ICARDA : 2013

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1	Manganese	mg/kg	56.14	HECS-G/INS/SOP/ 042
2	Iron	mg/kg	4.24	Inhouse method
3	Calcium Carbonate	%	1.078	IS 2720 (Part 23): 1976

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

End of Report



D. Anusuya
 Lab Manager
 Authorized Signatory

**TEST REPORT**

Page: 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Radhu Main Road,
Behind Sprot IT Park, Siruseri, Palupakkam Village, Chennai - 603 103.
Group : Pollution & Environment
Sample Name : Waste Water
Sample Mark : STP Treated
Sample Reference : NA
Sample Taken By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : 300 KLD & 400 KLD
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 52.0
Sampling Method & Plan : ICARDA : 2013

U/LR : TC1231025000015359F
Report No : HECSLAWW/001/25/0725
Sample ID No : HR250725014
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	TNPCB Limits*
Discipline : Chemical					
1	(Bio-Chemical) Oxygen Demand(BOD) 3 days @27° C	mg/l	0.0	IS :3025 (Part 44) 1993	10
2	Chemical Oxygen Demand (COD)	mg/l	35.0	IS :3025 (Part 50) 2006	50
3	Chloride as Cl-	mg/l	296.5	IS :3025 (Part 32) Clause 2 (1988)	-
4	Oil and grease	mg/l	BLQ (LOQ 4.0)	IS :3025 (Part 39) Clause 5 (2021)	-
5	pH value @ 25° C	-	7.18	IS :3025 (Part 11) Clause 2 (2022)	5.5-9.0
6	Sulphate as SO42-	mg/l	51.28	IS :3025 (Part 24) Clause 4 (1986)	-
7	Total dissolved solids @ 180° C	mg/l	1147.0	IS :3025 (Part 16) 1984	-
8	Total suspended solids @ 105° C	mg/l	8.0	IS :3025 (Part 17) 1984	20

Note : BLQ : Below Limit of Quantification, LOQ: Limit of Quantification, mg/l: milligram per Litre.

*Mega and Metropolitan Cities As Per Standards for STP Outlet.

Remarks: STP Outlet as above parameters meets TNPCB Standards.

End of Report



D. Anuraya
Lab Manager
Authorized Signatory

**TEST REPORT**

Page: 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,

Address of the Client : Eden Park Township, M.R. Radhu Main Road,
Behind Sigret IT Park, Siruseri, Podupakkam Village, Chennai - 603 103.

Group : Atmospheric Pollution

Sample Name : Ambient Noise Levels (Excluding vibration)

Sample Mark : Ambient Noise

Sample Reference : NA

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

Sample Location : NA

Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 55.0

Sampling Method & Plan : IS 9989 : 1981

UTR : TC1251025000015346F

Report No. : HECSL/AN/001/250725

Sample ID No. : HR250725010

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.	Location	Time (Hrs)	Noise Level in dB(A)
1	Near CEO Office	09.30	55.4
2	Near Block C7	09.45	51.4
3	Near A1 Block	10.00	55.6
4	Near B1 Block	10.15	58.7
5	Near C1 Block	10.30	57.9
6	Near Bothing Plant	10.40	54.3

Limits set by CPCB:

- Industrial Area : Day Time-75 dB (A); Night Time-70 dB (A).
- Commercial Area: Day Time-65 dB (A); Night Time-55 dB (A).
- Residential Area : Day Time-55 dB (A); Night Time-45 dB (A).
- Silence Zone : Day Time-50 dB (A); Night Time-40 dB (A).

Limits set by Tamilnadu Factories Rules, 1950 Permissible Limit of Exposure (8hrs):

- Workzone : 90 dB (A)

End of Report

D. Ananya
Lab Manager
Authorized Signatory



TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Rudha Main Road,
Behind Siptent IT Park, Siruseri, Podupakkam Village, Chennai - 603 103.
Group : Atmospheric Pollution
Sample Name : Ambient Air
Sample Mark : Air-1
Sample Reference : NA
Sample Taken By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : In Between Almond (A1) & Marigold (C1)
Environmental Condition : Temperature (°C) : 31 | Humidity (%) : 51.0
Sampling Method & Plan : IS 5182 Part 5 & Part 14

ULR : TC 1231025000816751F
Register No. : HECSL/AA/004/250725
Sample ID No : HR210025011
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	
Discipline : Chemical						
1	Lead	µg/m ³	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/04/ Issue No. 01 Issue Date:01.03.2021	1 (24 hours)	0.3 (Annual)
2	Arsenic	ng/m ³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/04/ Issue No. 01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	µg/m ³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/04/ Issue No. 01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene	µg/m ³	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benz(a)pyrene	ng/m ³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Amonia as NH ₃	µg/m ³	7.16	IS 5182 (Part 23) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	ppm / m ³	BLQ (LOQ: 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hour)	2 (8 hours)
8	Nitrogen dioxide as NO ₂	µg/m ³	18.93	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O ₃	µg/m ³	10.27	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m ³	48.61	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m ³	22.58	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO ₂	µg/m ³	10.25	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note: BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Microgram per cubic meter, mg/m³- Milligram per cubic meter, ng/m³- Nanogram per cubic meter.

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



D.Anusuya
Lab Manager
Authorized Signatory



TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,

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

Group : Atmospheric Pollution

Sample Name : Ambient Air ***End of Report***

Sample Matrix : Air-2

Sample Reference : NA

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

Sample Location : Near Peach (B1)

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

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

U.L.R : TC123102500016751F

Report No. : HECS/AA/004/250725

Sample ID No : HR210825011

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	
Discipline : Chemical						
1	Lead	µg/m ³	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 ³	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 ³	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 ³	BLQ (LOQ: 0.3)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene	ng/m ³	BLQ (LOQ: 0.3)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Acetonia as NH3	µg/m ³	75.1	IS 5182 (Part 23) 2018	400 (24 hours)	100 (Annual)
7	Carbon Monoxide (CO)	mg/m ³	BLQ(LOQ 0.05)	IS 5182 (Part 10) Class 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxide as NO2	µg/m ³	26.71	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O3	µg/m ³	11.48	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m ³	62.65	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m ³	24.83	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO2	µg/m ³	18.31	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note: BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, mg/m³- Milligrams per cubic meter, ng/m³- 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 South City Projects Pvt. Ltd.,
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 : Stack Emission
Sample Mark : Jasmine (C7)
Sample Reference : NA
Sample Drawn by : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 54.0
Sampling Method & Plan : IS 11255

ULR : TC1231025000167539
Report No. : HECSL/ST/001/250725
Sample ID No. : HR210825009
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

Stack Details

S.No.	Particulars	Units	Stack Specification
1	Stack Height	Meter	19.0
2	Stack Diameter	Meter	0.3

Discipline : Chemical

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Carbon Monoxide (CO)	%	BLQ(LOQ 0.2)	IS 13270 Clause 4 1992	1% Max
2	Flue Gas Velocity	m/sec	12.3	IS 11255 (Part 3) Clause 10 2008	-
3	Particulate matter (PM)	mg/Nm ³	41.47	IS 11255 Part 1 1985	CNTE 150
4	Sulphur dioxide (SO ₂)	mg/Nm ³	121	IS 11255 (Part 2) 1985	-
5	Nitrogen dioxide (NO ₂)	mg/Nm ³	121	IS 11255 (Part 7) 2005	-
6	Flue Gas Discharge (Flow Rate)	Nm ³ /hr	7167.0	IS 11255 (Part 3) Clause 6 2008	-
7	Flue Gas Temperature	°C	138.0	IS 11255 (Part 3) Clause 6 2008	-

Note:- BLQ - Below the Limit of Quantification, LOQ - Limit of Quantification, Nm³/hr - Normal cubic meter per hour,
CNTE- Concentration not to Exceed, mg/Nm³- Milligram per Normal cubic meter, °C- Degree Celsius,
m/s- Meter per second, %V/V - Percentage, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of CPCB Stack Emission Standards.

End of Report



D. Anisuya
Lab Manager
Authorized Signatory



TEST REPORT

Page: 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siruseri, Pudupakkam Village, Chennai – 600 103.
Group : Water
Sample Name : Raw Water
Sample Mark : Ground Water
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : GW-1 Club House Open Well
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 54.0
Sampling Method & Plan : IS 17014 (Part-1) : 2021

U/LR : TC12310250000016754F
Report No. : HECNSL/WT/003/210825
Sample ID No. : HR210825015
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	2.92	IS 3025 Part 46: 1994 (Volumetric Method using EDTA)	30	100
2	Calcium as Ca	mg/l	5.61	IS 3025 (Part 40): 1991(EDTA titrimetric method)	75	200
3	Chloride as Cl	mg/l	20.78	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	118.0	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	-	7.56	IS 3025(Part 11): 2022	6.5-8.5	No relaxation
9	Residue silica as SiO2	mg/l	BLQ(LOQ)0.02	IS 3025 Part 35: 1988 (Molybdate 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- Milligramme per litre, NA - Not Applicable.

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



D. Anuraya
Lab Manager
Authorized Signatory

**TEST REPORT**

Page : 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siruseri, Podupalkam 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 : Near Jasmine (C7)

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

Sampling Method & Plan : ICARDA : 2013

ULR : TC1231025000016745F

Report No. : HECST/SD/004/210825

Sample ID No. : HR210825013

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)	-	7.36	IS 2720 (Part 26) 1987
2	Electrical conductivity @ 25 °C (1 : 2)	µS/cm	178.0	IS 14767: 2000
3	Organic Matter	%	0.62	IS 2720 (Part 22) Section 1 : 1972
4	Water Holding capacity	%	21.4	IS 14767: 2000
5	Available Phosphorus as P	mg/g	BLQ(LOQ 5.0)	FAO of United Nations, Route Chapter - III 2008
6	Available Potassium	mlq/100g	13.6	FAO of United Nations, Route Chapter - III 2008
7	Total Soluble Sulphates	mg/100g	38.28	IS 2720 Part 27 Clause 4 1977
8	Total Nitrogen as N	%	0.0146	IS 14684 Clause 4 1999
9	Copper	mg/kg	29.3	HECS-G/NS/SOP/ 042 Issue No. 01 Issue Date:01.03.2022
10	Zinc	mg/kg	6.22	HECS-G/NS/SOP/ 042 Issue No. 01 Issue Date:01.03.2022
11	Soil Texture	-	Sandy Loam	FAO of United Nations, Route Chapter - II 2008

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

D.Amulya
Lab Manager
Authorized Signatory

TEST REPORT

Page: 1 of 1

Name of the Client	: M/s. Pragnya South City Projects Pvt. Ltd.,	Report No.	: HECS1/SID/001/210825/N
Address of the Client	: Eden Park Township, M.J.R. Radha Main Road, Behind Sigent IT Park, Siruseri, Podupakkam Village, Chennai - 603 103.	Sample ID No.	: HR210825013
Group	: Pollution & Environment	Sampling Date	: 21/08/2025
Sample Name	: Soil	Received Date	: 21/08/2025
Sample Mark	: S1	Commenced Date	: 21/08/2025
Sample Reference	: NA	Completed On	: 26/08/2025
Sample Drawn By	: M/s. Hubert Enviro care Systems (P) Ltd.	Report Date	: 26/08/2025
Sample Location	: Near Jassline (C7)	Sample quantity	: 2 Kg
Environmental Condition	: Temperature (°C): 30.0 Humidity (%): 56.0		
Sampling Method & Plan	: ICARDA : 2013		

S.No.	Test Parameters	Units	Results	Test Method
Discipline : Chemical				
1.	Magnesium	mg/kg	96.11	HECS-G/PSS/SOP/ 842
2.	Iron	mg/kg	3.78	Inhouse method
3.	Calcium Carbonate	%	1.126	IS 2720 (Part 23): 1976

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

End of Report



D. Anusuya
Lab Manager
Authorized Signatory

**TEST REPORT**

Page : 1 of 1

ULR : TC1231025000015359P
Report No : HECSL/JWW/001/210825
Sample ID No : HR210825014
Sampling Date : 21/08/2025

Name of the Client : M/s. Pragya South City Projects Pvt. Ltd.
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Sruseri, Pudupukkam Village, Chennai – 603 103.
Group : Pollution & Environment
Sample Name : Waste Water
Sample Mark : STP Treated
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : 300 KLD& 400 KLD
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 52.0
Sampling Method & Plan : ICARDA : 2013

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	TNPCB Limits*
Discipline : Chemical					
1	Bio-Chemical Oxygen Demand(BOD) 3 days @27 ° C	mg/l	6.0	IS 3025 (Part 44) 1993	10
2	Chemical Oxygen Demand (COD)	mg/l	28.0	IS 3025 (Part 50) 2006	50
3	Chloride as Cl-	mg/l	268.7	IS 3025 (Part 32) Clause 2 1988	-
4	Oil and grease	mg/l	BLQ (LOQ) 4.0	IS : 3025 (Part 39) Clause 5 2021	-
5	pH value @ 25 ° C	-	6.78	IS 3025 (Part 11) Clause 2 2022	5.5-9.0
6	Sulphate as SO ₄ -	mg/l	46.28	IS:3025 (Part 24) Clause 4 1986	-
7	Total dissolved solids @ 180° C	mg/l	3026	IS 3025 (Part 16) 1984	-
8	Total suspended solids @ 105° C	mg/l	12.0	IS 3025 (Part 17) 1984	20

Note : BLQ : Below Limit of Quantification, LOQ: Limit of Quantification, mg/l: milligram per Litre.

*Mega and Metropolitan Cities As Per Standards for STP Outlet.

Remarks: STP Outlet as above parameters meets TNPCB Standards.

End of Report



D.Amstya
 Lab Manager
 Authorized Signatory

**TEST REPORT**

Page: 1 of 1

Name of the Client : M/s. Prageya South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Radhu Main Road,
Behind Sipcot IT Park, Sivaseri, Podupakkam Village, Chennai – 603 103.
Group : Atmospheric Pollution
Sample Name : Ambient Noise Levels (Excluding vibration)
Sample Mark : Ambient Noise
Sample Reference : NA
Sample Taken By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 55.0
Sampling Method & Plan : IS 9989 : 1981

ULR : TC1231025000015360F
Report No : HECS/AN/001/210825
Sample ID No : HR210825010
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.	Location	Time (Hrs)	Noise Level in dB(A)
1	Near CEO Office	09.30	54.0
2	Near Block C7	09.45	55.3
3	Near A1 Block	10.00	55.9
4	Near B1 Block	10.15	53.6
5	Near C1 Block	10.30	54.7
6	Near Batching Plant	10.40	55.3

Limits set by CPCB:

- Industrial Area : Day Time-75 dB (A); Night Time-70 dB (A).
- Commercial Area: Day Time-65 dB (A); Night Time-55 dB (A).
- Residential Area : Day Time-55 dB (A); Night Time-45 dB (A).
- Silence Zone : Day Time-50 dB (A); Night Time-40 dB (A).

Limits set by Tamilnadu Factories Rules, 1950 Permissible Limit of Exposure (8hrs) :

- Workzone : 90 dB (A)

End of Report



D. Anusya
Lab Manager
Authorized Signatory



TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Rudhu 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 : In Between Almond (A1) & Marigold (C1)
Environmental Condition : Temperature (°C) : 31 | Humidity (%) : 51.0
Sampling Method & Plan : IS 5182 Part 5 & Part 14

ULR : TC123102500014851F
Report No. : HECSL/AA/004/100925
Sample ID No. : HR100925011
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	Land	µg/m ³	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 ³	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 ³	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 ³	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzene (o) pyrene	ng/m ³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH ₃	µg/m ³	5.70	IS 5182 (Part 25) 2018	400 (24 hours)	105 (Annual)
7	Carbon Monoxide (CO)	mg/m ³	BLQ (LOQ: 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxide as NO ₂	µg/m ³	22.89	IS 5182 (Part 6) 2006	80 (24 hours)	80 (Annual)
9	Ozone as O ₃	µg/m ³	10.35	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m ³	48.91	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m ³	22.63	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO ₂	µg/m ³	13.89	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Micrograms per cubic meter, mg/m³- Milligrams per cubic meter, ng/m³- Nanograms per cubic meter.

Remark: 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 South City Projects Pvt. Ltd.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipest IT Park, Srivisri, Pudupukkam 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 : Near Peach (B1)

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

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

ULR : TC1231025000010852F

Report No. : HECS/AA/005/100925

Sample ID No : HR100925012

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 ³	BLQ (LOQ: 0.002)	HECS-G/NS/SOP/ 041 Issue No. 01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)
2	Arsenic	µg/m ³	BLQ (LOQ: 2.0)	HECS-G/NS/SOP/ 041 Issue No. 01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
3	Nickel	µg/m ³	BLQ (LOQ: 2.0)	HECS-G/NS/SOP/ 041 Issue No. 01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
4	Benzene	µg/m ³	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Annual)	5 (Annual)
5	Benzo (a) pyrene	µg/m ³	BLQ (LOQ: 0.1)	IS : 5182 Part 12: 2004	1 (Annual)	1 (Annual)
6	Ammonia as NH ₃	µg/m ³	7.50	IS 5182 (Part 23) 2018	400 (24 hours)	180 (Annual)
7	Carbon Monoxide (CO)	µg/m ³	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 6 1999	4 (1 hours)	2 (8 hours)
8	Nitrogen dioxide as NO ₂	µg/m ³	36.15	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
9	Ozone as O ₃	µg/m ³	12.54	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)
10	Particulate matter (Size less than 10 µm)	µg/m ³	43.59	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
11	Particulate matter (Size less than 2.5 µm)	µg/m ³	25.61	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
12	Sulphur dioxide as SO ₂	µg/m ³	12.9	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m³- Microgram per cubic meter, mg/m³- Milligram per cubic meter, ng/m³- Nanogram per cubic meter.

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

End of Report



D. Ananya
Lab Manager
Authorized Signatory

**TEST REPORT**

Page: 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.G. Road, Main Road,
Behind Sipcot IT Park, Siruseri, Padupakkam Village, Chennai - 603 103.
Group : Atmospheric Pollution
Sample Name : Stack Emission
Sample Mark : Jasmine (C7)
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : NA
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 54.0
Sampling Method & Plan : IS 11255

ULR : TC12M0250000168568
Report No. : HECSL/ST/001/250725
Sample ID No : HR100925009
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

Stack Details

S.No.	Particulars	Units	Stack Specification
1	Stack Height	Meter	19.0
2	Stack Diameter	Meter	0.3

Discipline : Chemical

S.No.	Test Parameters	Units	Results	Test Method	CPCB Standards
1	Carbon Monoxide (CO)	%	BLQ(LOQ 0.2)	IS 13270 Clause 4 1992	(% Mv)
2	Flue Gas Velocity	m/sec	13.6	IS 11255 (Part 3) Clause 10 2008	-
3	Particulate matter (PM)	mg/Nm ³	39.25	IS 11255 Part 1 1985	CNTE 150
4	Sulphur dioxide (SO ₂)	mg/Nm ³	121	IS 11255 (Part 2) 1985	-
5	Nitrogen dioxide (NO ₂)	mg/Nm ³	121	IS 11255 (Part 7) 2005	-
6	Flue Gas Discharge (Flow Rate)	Nm ³ /hr	1867.0	IS 11255 (Part 3) Clause 6 2008	-
7	Flue Gas Temperature	°C	134	IS 11255 (Part 3) Clause 6 2008	-

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, Nm³/hr - Normal cubic meter per hour,CNTE- Concentration not to Exceed, mg/Nm³- Milligram per Normal cubic meter, °C- Degree Celsius,

m/s- Meter per second, %V/V - Percentage, NA - Not Applicable.

Remarks: The Tested Parameters as above are within the Limits of CPCB Stack Emission Standards.

End of Report

D. Anusuya
Lab Manager
Authorized Signatory



TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siruseri, Podupakkam Village, Chennai – 600 103.
Group : Water
Sample Name : Raw Water
Sample Mark : Ground Water
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : GW-1 Club House Open Well
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 54.0
Sampling Method & Plan : IS 17614 (Part-1) : 2021

ULR : TC12310250000016857F
Report No : HECSL/WT/003/210825
Sample ID No : HR100925015
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)
Discipline : Chemical						
1	Magnesium as Mg	mg/l	3.40	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	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	127.0	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	-	7.18	IS 3025 (Part 11): 2022	6.5-8.5	No relaxation
9	Resistive silica as SiO2	mg/l	BLQ(LOQ:0.02)	IS 3025 Part 35: 1988 (Molybdenum 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.

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



D. Anusya
Lab Manager
Authorized Signatory

**TEST REPORT**

Page : 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,

Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Sruseri, Podupalkam 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 : Near Jasmine (C7)

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

Sampling Method & Plan : ICARDA : 2013

ULR : TC12310250001468583

Report No. : HECSL/SD/004/100925

Sample ID No. : HR100925013

Sampling Date : 21/08/2025

Received Date : 18/09/2025

Commenced Date : 18/09/2025

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)	-	7.10	IS 2720 (Part 26) 1987
2	Electrical conductivity @ 25 ° C (1 ± 2)	µS/cm	163.7	IS 14767: 2000
3	Organic Matter	%	0.32	IS 2720 (Part 22) Section 1 1972
4	Water Holding capacity	%	21.7	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	15.26	FAO of United Nations, Rome Chapter - III 2008
7	Total Soluble Sulphates	mg/100g	46.8	IS 2720 Part 27 Clause 4 1977
8	Total Nitrogen as N	%	0.013	IS 14684 Clause 5 1999
9	Copper	mg/kg	28.14	HECS-G/INS/SOP/ 042 Issue No. 01 Issue Date:01.03.2021
10	Zinc	mg/kg	5.28	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 ReportD.Ananya
Lab Manager
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TEST REPORT

Page : 1 of 1

Name of the Client : M/s. Pragnya South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Radhu Main Road,
Behind Sigcot 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 : Near Jasmine (U7)
Environmental Condition : Temperature (°C) : 30.0 | Humidity (%) : 56.0
Sampling Method & Plan : ICARDA : 2013

Report No. : HECSL/SD/001/210825/N
Sample ID No. : HR100925013
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	Magnesium	mg/kg	52.24	HECS-G/06/SOP/ 042
2	Iron	mg/kg	3.26	Inhouse method
3	Calcium Carbonate	%	1.214	IS 2720 (Part 2): 1976

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



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Page : 1 of 1

Name of the Client : M/s. Pragrya South City Projects Pvt. Ltd.,
Address of the Client : Eden Park Township, M.R. Radha Main Road,
Behind Sipcot IT Park, Siraseri, Podupakkam Village, Chennai - 403 103,
Group : Pollution & Environment
Sample Name : Waste Water
Sample Matrix : STP Treated
Sample Reference : NA
Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd.
Sample Location : 300 KI.D& 400 KLD
Environmental Condition : Temperature (°C) : 31.0 | Humidity (%) : 52.0
Sampling Method & Plan : ICARDA : 2013

ULR : TC1231025000016859F
Report No. : HECSL/WW/001/100925
Sample ID No. : HR100925014
Sampling Date : 10/09/2025
Received Date : 10/09/2025
Commissioned 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	TNPCB Limits*
Discipline : Chemical					
1	Bio-Chemical Oxygen Demand(BOD) 3 days @27° C	mg/l	7.4	IS:3025 (Part 44) 1993	10
2	Chemical Oxygen Demand (COD)	mg/l	36.0	IS:3025 (Part 50) 2006	50
3	Chloride as Cl-	mg/l	326.7	IS:3025 (Part 32) Clause 2 1988	-
4	Oil and grease	mg/l	BLQ (LOQ 4.0)	IS:3025 (Part 39) Clause 5 2021	-
5	pH value @ 25° C	-	7.36	IS:3025 (Part 13) Clause 2 2022	5.5-9.0
6	Sulphate as SO4-	mg/l	68.24	IS:3025 (Part 24) Clause 6 1986	-
7	Total dissolved solids @ 180° C	mg/l	1540.0	IS:3025 (Part 16) 1984	-
8	Total suspended solids @ 105° C	mg/l	8.0	IS:3025 (Part 17) 1984	20

Note : BLQ : Below Limit of Quantification, LOQ: Limit of Quantification, mg/l: milligram per Litre.

*Mega and Metropolitan Cities As Per Standards for STP Outlet.

Remarks: STP Outlet as above parameters meets TNPCB Standards.

End of Report



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**TEST REPORT**

Page 1 of 1

Name of the Client : M/s. Pragya South City Projects Pvt. Ltd.,

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 Noise Levels (Excluding vibration)

Sample Mark : Ambient Noise

Sample Reference : NA

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

Sample Location : NA

Environmental Conditions : Temperature (°C) : 30.0 | Humidity (%) : 55.0

Sampling Method & Plan : IS 9889 : 1981

ULR : TC123102500014000E

Report No. : HECS1/AN/001/210825

Sample ID No. : HR100925010

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.	Location	Time (Hrs)	Noise Level in dB(A)
1	Near CEO Office	09.30	54.3
2	Near Block C7	09.45	57.5
3	Near A1 Block	10.00	51.3
4	Near B1 Block	10.15	56.3
5	Near C1 Block	10.30	54.5
6	Near Hatching Plant	10.40	53.9

Limits set by CPCB:

- i. Industrial Area : Day Time-75 dB (A); Night Time-70 dB (A).
- ii. Commercial Area: Day Time-65 dB (A); Night Time-55 dB (A).
- iii. Residential Area : Day Time-55 dB (A); Night Time-45 dB (A).
- iv. Silence Zone : Day Time-50 dB (A); Night Time-40 dB (A).

Limits set by Tamilnadu Factories Rules, 1950 Permissible Limit of Exposure (Hrs):

- i) Workzone : 90 dB (A)

End of Report

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