



EC/VV_II_IHF/HYC/June/2026

Date: 26.05.2026

To,
The Member Secretary,
State Level Environment Impact Assessment Authority,
9th Floor, CMRL Building,
No. 327, Anna Salai, Nandanam,
Chennai - 600 035.

Sir/Madam,

Sub: SIPCOT - Vallam Vadagal Industrial Park II with Industrial Housing Facility -
Submission of Half Yearly Compliance Report for June 2026 (i.e., for the
period of October 2025 to March 2026) - Reg.

Ref: EC vide Letter No. SEIAA-TN/F.7316/EC/8(b)/797/2022 dt. 02.02.2022.

We hereby submit the Half Yearly Compliance Report for the Development of
Vallam Vadagal Industrial Park - II with Industrial Housing Facility at Vallam A and
Vallam B villages, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu for
June 2026 (i.e., for the period of October 2025 to March 2026) along with the
supporting documents for your perusal.

Thanking you

Yours faithfully,
Sd/-
MANAGING DIRECTOR

Encl: As above.

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,
Central Pollution Control Board,
Regional Directorate - Chennai,
2nd Floor, 40-E, BSNL Building,
TVK Industrial Estate, CIPET Road, Guindy, Chennai - 600 032.

P.T.O.

State Industries Promotion Corporation of Tamil Nadu Limited
(A Government of Tamil Nadu Undertaking)

CIN : U74999TN1971SGC005967

Regd. Office : 19-A, Rukmani Lakshmipathy Road, Post Box No. 7223, Egmore, Chennai - 600 008.
Phone : 45261777, Fax : 45261796 Website : www.sipcot.tn.gov.in



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3. The Chairman,
Tamil Nadu Pollution Control Board,
No-76, Mount Road, Guindy,
Chennai-600 032
4. The Project Officer
SIPCOT Industrial Park,
Vallam Vadagal.

/Forwarded by Order/


CONSULTANT (ENVIRONMENT)

State Industries Promotion Corporation of Tamil Nadu Limited
(A Government of Tamil Nadu Undertaking)

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HALF YEARLY ENVIRONMENTAL COMPLIANCE REPORT

For the period of October 2025 –March 2026

For

**“Development of Vallam Vadagal Industrial Park –II
including Industrial Housing facility**

at

**Vallam A and Vallam B Villages, Sriperumbudur Taluk,
Kancheepuram District,Tamil Nadu.”**

EC22B039TN177183 dated 09/02/2022

(SEIAA Letter No. SEIAA-TN/F.7316/EC/8(b)/797/2022 dated: 02.02.2022)

Submitted by



M/S. STATE INDUSTRIES PROMOTION CORPORATION OF TAMILNADU LIMITED

19/A, Rukmani Lakshmipathy Road,

Egmore, Chennai-600008.

May 2026

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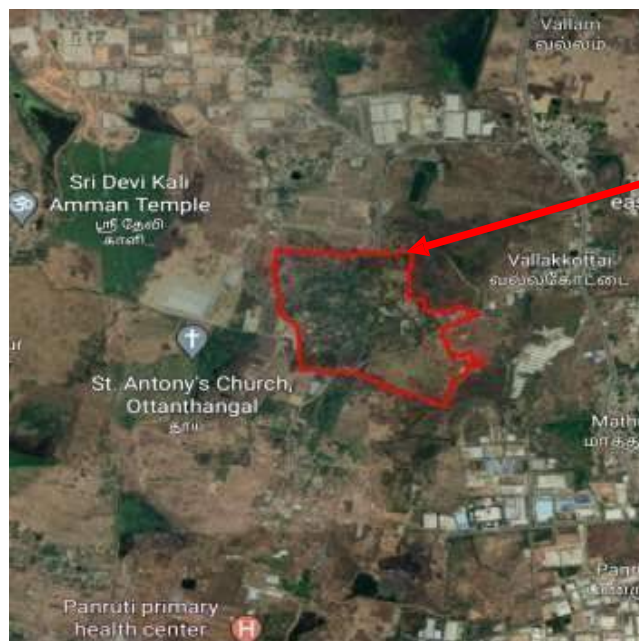
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1. PROJECT DETAILS

Name of the Project	Expansion & change in concept of Development of Vallam Vadagal Industrial Park II, by including Industrial Housing facility for the employees of Vallam Vadagal IP - II in an area of 131.73 Ha (325.36 Acres) (Exclusively for industries which does not require EC neither A nor B category Construction of Industrial Housing Facility with built up area 2,07,736.10 sq.m. comprising 3120 No. of units by SIPCOT).
Name of the Proponent	M/s. State Industries Promotion Corporation of Tamil Nadu Ltd.
Location	Vallam A and Vallam B Villages, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu.
EC. No	EC22B039TN177183 dated 09/02/2022 SEIAA Letter No. SEIAA-TN/F.7316/EC/8(b)/797/2022 dated: 02.02.2022. Enclosed as Annexure-1.
Total Plot Area	131.73Ha (325.36 Acres)
Water Requirement	Total water requirement: 5763 KLD Fresh water: 2094.5 KLD Recycled water: 3668.5 KLD Fresh water Source: Chembarambakkam Lake (G.O. regarding Chembarambakkam Lake water supply is enclosed as Annexure - 2)
Project Cost	Rs.1040 Crores. (Rs.360 Crores for Industrial Park and Rs 680 Crores for Industrial Housing facility).

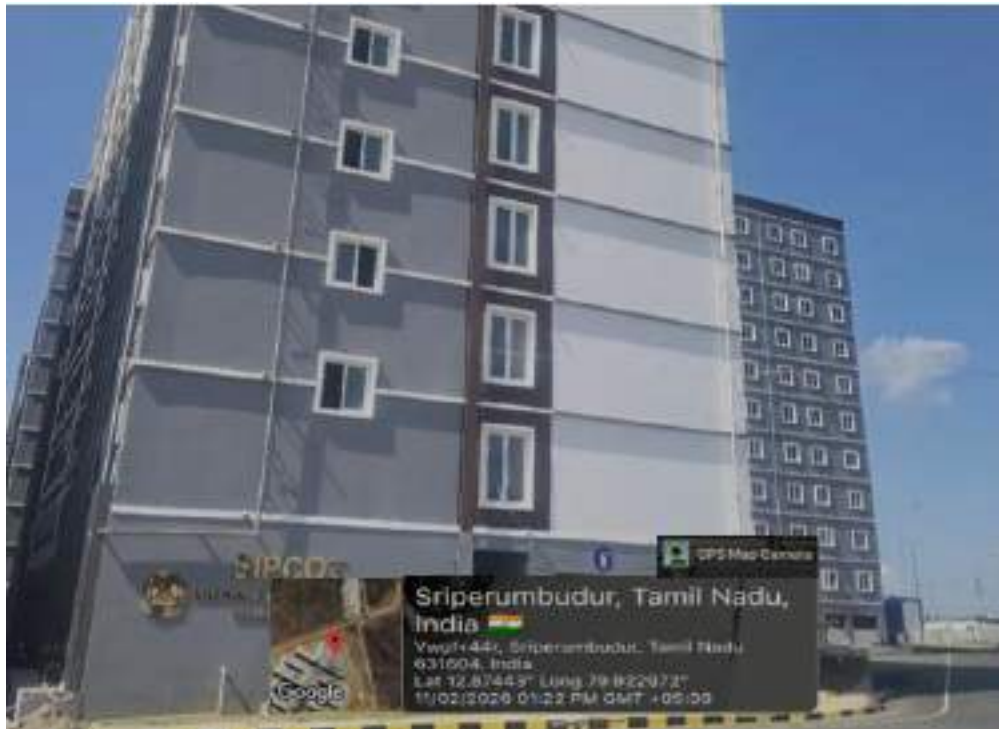
2. LOCATION MAP



3. SITE PHOTOGRAPHS



Industrial Housing



Industry photograph



4. SIX MONTHLY ENVIRONMENTAL CLEARANCE COMPLIANCE STATEMENT

SEAC Specific Condition:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
1.	The project proponent shall continuously operate and maintain the Sewage treatment plant & Grey Water Treatment Plant to achieve the standards prescribed by the TNPCB/CPCB.	All the member Industries are mandated to provide STP and to reuse the treated water as per norms. Acknowledgement copy of the letter submitted to SEIAA stating that SIPCOT will not propose STP for the Industrial Park. STP photographs of industries is enclosed as Annexure- 21 . SIPCOT has provided STP for Industrial Housing Facility. STP photo of Industrial Housing is enclosed as Annexure – 21a .
2.	The project proponent shall submit flood inundation certificate and shall fix the level according to the conditions issued in the certificate.	Conditions will be complied.
3.	The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc. to SEIAA.	Condition complied. Structural stability certificate of industrial housing facility obtained from Anna University by individual industry is enclosed as Annexure – 15 .
4.	The height of the stacks of DG sets shall Be provided as per the CPCB norms.	Condition is being complied. Stack height for DG sets are provided as per CPCB norms. Photographs of DG stack are enclosed as Annexure -23 .
5.	The project proponent shall allot necessary area for the collection of E waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E-waste generation within the premise.	Condition will be complied. All member industries will be required to comply with all applicable rules and guidelines.

6.	The proponent shall make proper arrangements for the disposal of the treated water from the proposed site for Toilet flushing. Green belt development & OSR and no treated water be let out of the premises.	Condition is being complied. Treated water is being used for toilet flushing and greenbelt development. Greenbelt photograph is enclosed as Annexure - 19.
7.	The sludge generated from the Sewage Treatment Plant shall be collected and dewatered using filter press and the same shall be utilized as manure for green belt development after composting.	Condition will be complied.
8.	The proponent shall provide the separate wall between the STP and OSR area as per the layout furnished and committed.	Condition complied. Separate wall for the STP has been provided. STP photo of Industrial Housing is enclosed as Annexure –21a.
9.	The purpose of Green belt around the Project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species Should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e planting different types of trees at very close intervals may be tried which will give a good green cover. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3	Condition is being complied. Greenbelt photograph is enclosed as Annexure - 19.

	meters wide and in between blocks in an organized manner and the same shall be include in the layout out plan to be submitted for CMDA, DTCP approval. The total green belt area should be minimum 15% of the total area and the small shall not be used for car parking/OSR.	
10.	The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the public usage and as committed.	Condition complied. Separate entry and exit points for the OSR area has been provided.
11.	The Proponent shall provide rainwater harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed	Condition complied. Individual industries have provided rainwater harvesting facility. Photographs of RWH structures are enclosed as Annexure -24.
12.	The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016. as amended for the generation of Hazardous waste within the premises.	Condition noted. Hazardous waste will be disposed as per Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016. All member industries will be complied with all applicable rules and guidelines.
13.	No waste of any type to be disposed off in any other way other than the approved one.	Condition noted.
14.	The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.	Condition complied. Sanitary Napkins disposal facility is provided in Industrial Housing Facility.
15.	All the mitigation measures committed by the proponent for the flood management, to avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.	Condition is being complied. Adequate drainage and stormwater management systems have been provided to prevent flooding and the photographs of storm drains are enclosed as Annexure-20. Air and noise levels are monitored periodically,

		and the monitoring reports is enclosed as Annexure-4 . Solid waste management facility photographs are enclosed as Annexure-25 . Treated sewage is reused for greenbelt development, while sludge is composted and utilized as manure for the greenbelt.
16.	The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines as committed for during SEAC meeting.	Condition Noted.
17.	The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post – COVID period.	Condition Noted.
18.	Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.	Condition is being complied. All the member units shall comply with. Solar panel photograph of industrial housing is enclosed as Annexure-22 .
19	As per the MoEF&CC Office Memorandum F.No. 22-6512017-1A.1 Dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP and revised CER shall be furnished before placing the subject to SEIAA.	Condition will be complied.

SEIAA Additional Conditions:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
1.	All the construction of Buildings shall be energy efficient and conform to the green building norms.	Condition noted.
2.	The proponent shall provide the adequate play area for the children within the premises.	Not applicable. It is an Infrastructure Development Project with Industrial Housing Facility.
3.	The proponent shall provide the adequate health care facility within the premises.	Condition Noted.
4.	The proponent shall provide the adequate parking facility within the premises with clear traffic plan.	Condition complied. Adequate parking facility has been provided within the premises. Photographs of parking area is enclosed as Annexure-26.
5.	All the eateries provided within the premises shall be maintained in hygienic way.	Condition is being complied. All eateries, including the industrial housing canteen, are being maintained in a hygienic manner.
6.	The proponent shall ensure that no treated or untreated trade effluents/sewage shall be discharged outside the premises under any circumstances.	SIPCOT has provided STP for Industrial Housing Facility. STP photo of Industrial Housing is enclosed as Annexure –21a. SIPCOT mandate all member units to have their own ETP with zero liquid discharge system and to handle their own domestic waste water as per the prescribed standards.
7.	The proponent shall ensure that the activities should not result in temperature rise, nor lead to rise in carbon dioxide and other gases that odd to climate change.	All the member units will be instructed to follow applicable rules and guidelines.
8.	All the trees, biodiversity and water bodies within the premises should be protected.	Condition noted. All existing trees, biodiversity, and water bodies within the premises are being protected and not disturbed. Greenbelt

		development has also been undertaken to enhance the ecological balance within the Project area.
9.	Action should be initiated to cover 33% of the total project area under green belt development with native species.	Condition is being complied. Greenbelt photographs is enclosed as annexure - 19.
10.	All mitigation measures as suggested in the EIA / EMP and disaster management plan to be strictly adhered.	Condition noted.
11.	The activities should in no way cause emission and built-up Green House Gases (GHG)	Condition noted. All the member units will be instructed to follow applicable rules and guidelines.
12.	All action to be eco friendly and support sustainable management of the natural resources within and outside premises.	Condition noted.

PART A-Common Conditions Applicable For Pre-Construction, Construction and Operational Phases:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
1.	Any appeal against this environmental clearance shall lie within the Hon'ble National Green Tribunal, if preferred within a period of 30 days as prescribed under the section 16 of the National Green Tribunal Act, 2010.	Condition noted. There is no appeal lies against this environmental clearance.

2.	The construction of STP, Solid Waste Management facility, E-waste Management facility, DG sets, etc., should be made in the earmarked area only. In any case, the location of these utilities should not be changed later on.	Condition is being complied. The STP, Solid Waste Management facility, E-waste Management facility, DG sets, and other utilities are constructed as per the approved layout plan. STP photo of Industrial Housing is enclosed as Annexure –21a. Photographs of Solid waste management facility are enclosed as Annexure-25.
3.	The Environmental safeguards contained in the application of the proponent mentioned during the presentation before the State Level Environment Impact Assessment Authority / State Level Expert Appraisal Committee should be Implemented in the letter and spirit.	Condition noted.
4.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire and Rescue Services Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wild Life (Protection) Act, 1972, State / Central Ground Water Authority, Coastal Regulatory Zone Authority, other statutory and other authorities as applicable to the project shall be obtained by project proponent from the concerned competent authorities.	Condition noted. All the member units will be instructed to obtain all necessary statutory clearances and approvals.
5.	The SEIAA reserves the right to add additional safeguard measures subsequently, if non-compliance of any of the EC conditions is found and to take action, including revoking of this Environmental Clearance as the case may be.	Condition Noted.

6.	A proper record showing compliance of all the conditions of Environmental Clearance shall be maintained and made available at all the times.	Condition Noted. Screenshot of compliance report uploaded in SIPCOT website is enclosed as Annexure-7.
7.	The environmental statement for each financial year ending 31st March in Form V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company. The status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chennai by E-mail.	Condition is being complied. Acknowledgment copy for submission of Form-V is enclosed as Annexure -9. Screenshot showing Environmental Statement uploaded in the website is enclosed as Annexure – 14. Proof of HYCR submission to competent authority is enclosed as Annexure- 8.
8.	The Regional Office of the Ministry located at Chennai shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite Data / information / monitoring reports.	Condition noted.
9.	"Consent for Establishment" shall be obtained from the Tamil Nadu Pollution Control Board and a copy shall be submitted to the SEIAA, Tamil Nadu.	Condition complied. CTE vide consent no: 2201241526472 and 2201141526472 dated: 27/06/2022 obtained from TNPCB. CTE copy is enclosed as Annexure-3.
10.	In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.	Condition Noted. There is no change in the scope of the project.
11.	The conditions will be enforced inter-alia, under	Condition complied.

	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 Act1957,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.	CTE vide consent no: 2201241526472 and 2201141526472 dated: 27/06/2022 obtained from TNPCB. CTE copy is enclosed as Annexure-3 .
12.	The Environmental Clearance shall not be cited for relaxing the other applicable Rules to this project.	Condition noted.
13.	Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (protection) Act, 1986.	Condition noted. SIPCOT shall comply with all the applicable conditions of EC.
14.	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, Chennai, the respective Zonal Office of CPCB, Bengaluru and the TNPCB. The criteria pollutant levels namely; PMIO, PM2.5, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters,	Condition is being complied. We uploaded the status of compliance of the stipulated EC conditions, including results of monitored data on our website and updated the same periodically. It is simultaneously sent to the concerned authority. Screenshot of Six- monthly compliance uploaded in SIPCOT Website is enclosed as Annexure-7 . Proof of submission of six monthly

	indicated for the project shall be monitored.	reports to Competent Authorities is enclosed as Annexure-8.
15.	The SEIAA, TN may cancel the environmental clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this environmental clearance, if it is found or if it comes to the knowledge of this SEIAA, TN that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the environmental clearance.	Condition Noted.
16.	The Environmental Clearance does not imply that the other statutory/administrative clearances shall be granted to the project by the concerned authorities. Such authorities would be considering the project on merits and betaking decisions independently of the Environmental Clearance.	Condition Noted.
17.	The SEIAA, TN may alter/modify the above conditions or stipulate any further condition in the interest of environment protection, even during the subsequent period.	Condition Noted.
18.	The Environmental Clearance does not absolve the applicant/proponent of his obligation/requirement to obtain other statutory and administrative clearances from other statutory and administrative authorities.	Condition Noted.
19.	Where the trees need to be cut, compensation plantation in the ratio of 1:10 (i.e. planting of 10 trees for everyone tree that is cut) should be done with the obligation to continue maintenance.	Condition Noted.

20.	A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive who will report directly to the Head of the Organization and the shortfall shall be strictly reviewed and addressed.	Condition complied. Separate environmental management cell has been assigned and will report to the General Manager, SIPCOT who will report directly to the Head of the Organization for implementation monitoring and compliance of the environmental safeguards. Details of Environmental Management Cell with Roles and Responsibilities are enclosed as Annexure -12.
21.	The EMP cost shall be deposited in a Nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually.	Condition is being complied.
22.	The project activity should not cause any disturbance & deterioration of the local Bio diversity.	Condition Noted.
23.	The project activity should not impact the water bodies. A detailed inventory of the water bodies and forest should be evaluated and fact reported to the Forest Department & PWD for monitoring.	Condition Noted. The project activities have been planned and executed in such a way that no impact occurs on the existing water bodies.
24.	All the assessed flora & fauna should be conserved and protected.	Condition Noted.
25.	The proponent should strictly comply with, Tamil Nadu Government Order (Ms)No.84 Environment and forests (EC.2) Department dated 25.06.2018 regarding Ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.	Condition will be complied. All member industries will be required to comply with all applicable rules and guidelines.
26.	As per MoEF& CC, Gol, Office Memorandum dated 30.03.2015, prior clearance from Forestry	Condition is not applicable. Since there are no Notified Parks

	& Wildlife angle including clearance from obtaining committee of the National Board for Wildlife as applicable shall be obtained before starting the operation, if the project site is located within 10KM from National Park and Sanctuaries.	/Sanctuaries within 10 km form the project site.
27.	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided.	Condition Noted.
28.	The safety measures proposed in the report should be strictly followed.	Condition noted
29.	The Developer shall ensure that no allotment letter sale deed in any form shall be made to house category A or category B industry as prescribed in the schedule of EIA notification 2006. However, in case any category A or category B type of industry as prescribed in the schedule of EIA notification 2006 is proposed then the individual unit shall apply and seek Environmental Clearance under the EIA notification 2006.	Condition noted.
30.	The Developer shall mandate the member industries of the Industrial Park to allot 33% of the plot area for green belt development and to install RWH structures.	Condition will be complied. Greenbelt photograph is enclosed as Annexure- 19. Photographs of RWH structures are enclosed as Annexure -24.
31.	The Developer has to ensure that all the member industries within the Industrial Park shall make their own arrangements to achieve zero discharge of the trade effluents, solid waste & E waste management, gaseous emission and noise Control measures to achieve the standards	Condition noted. All the member units will be mandated to provide individual ETP with Zero Liquid Discharge system and to handle the domestic wastewater as per the prescribed standards. All the member units will be

	prescribed by the TNPCB.	instructed to follow all applicable rules / guidelines. Photographs of member units STP& ETP is enclosed as Annexure-21.
32.	The project proponent shall ensure that the individual member units will not be allowed to carry out manufacturing of products stipulated in G.O. (Ms) No.84 dated 25/06/2018 on banning of one time use on and throw away plastics.	Condition noted. All the member units will be instructed to follow all applicable rules / guidelines.
33.	The project proponent must submit the permissible land use classification certificate obtained from competent authority for the proposed project before obtaining the CTE from TNPCB.	Condition complied. Land use classification certificate has been obtained from TNPCB.
34.	The CER fund shall be utilized as per the office memorandum of MoEF&CC dated 01.05.2018 before obtaining CTO from TNPCB.	Condition Noted.
35.	The allotted industrial units shall obtain consent from the TNPCB separately for their establishment & operation in this industrial estate.	Condition will be complied. All the member units will be mandated to obtain all the necessary statutory clearances and approvals as applicable.
36.	The project proponent shall ensure that 33% of the total area of the project site should be covered with green belt.	Condition is being complied. Greenbelt photograph is enclosed as Annexure- 19.
37.	The proponent shall provide Rainwater Harvesting pits so as to recharge the Ground water table.	Condition Complied. Rainwater harvesting for SIPCOT project office has been provided. Further, Individual industries have provided rainwater harvesting facility. Photographs of RWH pits are enclosed as Annexure-24.

38.	Discharge of treated sewage shall conform to the norms & standards prescribed by the Tamil Nadu Pollution Control Board.	All the member units will be instructed to follow applicable rules and guidelines.
39.	It is the sole responsibility of the proponent that the treated sewage disposed for Greenbelt development/ avenue plantation should not pollute the soil/ groundwater/ adjacent canals/ lakes/ ponds, etc.	Condition noted.
40.	The developer has to ensure that all the member industries within the Industrial Park shall make their own arrangements to achieve zero discharge of the trade Effluents.	Condition will be complied. All the member units will be mandated to provide ETP with Zero Liquid Discharge system and to handle the effluents as per the prescribed standards. Photographs of member units STP& ETP is enclosed as Annexure-21.
41.	The project proponent shall ensure that all the member units should treat and dispose solid waste & E-waste as per the Solid Waste Management Rules, 2016 as amended and E-Waste Management Rules, 2016.	All the member units will be instructed to follow applicable rules and guidelines.
42.	There shall be no discharge of effluent outside the Industrial Park at any time.	Condition will be complied. All the member units will be mandated to provide ETP with Zero Liquid Discharge system and to handle the domestic wastewater as per the prescribed standards. Photographs of member units STP&ETP is enclosed as Annexure-21.
43.	The Developer shall mandate the member units of the Industrial Park to install adequate APC measures/Acoustic to achieve air emissions standards within Permissible limits prescribed by the CPCB.	Condition will be complied. All the member units will be instructed to comply with.

PART - B - SPECIFIC CONDITIONS - PRE CONSTRUCTION PHASE:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
1.	The project authorities should advertise with basic details at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of clearance. The press releases also mention that a copy of the clearance letter is available with the State Pollution Control Board and also at website of SEIAA, TN. The copy of the press release should be forwarded to the Regional Office of the Ministry of Environment and Forests located at Chennai and SEIAA-TN.	Condition complied. Newspaper advertisement copy and the copy of the press release submitted to the Regional Office of the Ministry of Environmental and Forests located at Chennai and SEIAA- TN is enclosed as Annexure -10.
2.	In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.	Condition noted. There is no change in the scope of project.
3.	A copy of the clearance letter shall be sent by the proponent to the Local Body. The clearance letter shall also be put on the website of the Proponent.	Condition Complied. The proof of submission of EC copy to Local Body is enclosed as Annexure-11. The clearance letter also uploaded on SIPCOT website. The screenshot is enclosed as Annexure - 6.
4.	The approval of the competent authority shall be obtained for structural safety of the buildings during earthquake, adequacy of fire fighting equipments, etc. as per National Building Code including protection measures from lightning etc. before commencement of the work.	Condition noted. Structural stability certificate of industrial housing facility obtained from Anna University is enclosed as Annexure- 15.

5.	All required sanitary and hygienic measures for the workers should be in place before starting construction activities and they have to be maintained throughout the construction phase.	Condition noted. All the member units will be instructed to comply with.
6.	Design of buildings should be conformity with the Seismic Zone Classifications.	Condition noted.
7.	The Construction of the structures should be undertaken as per the plans approved by the concerned local authorities/local administration.	Condition will be complied. Construction of the structures is undertaken as per the plans.
8.	No construction activity of any kind shall be taken up in the OSR area.	Condition Noted.
9	Consent of the local body concerned should be obtained for using the treated Sewage in the OSR area for gardening purpose. The quality of treated sewage shall satisfy the bathing quality prescribed by the CPCB.	Condition Noted. All the member units will be instructed to comply with.
10.	The height and coverage of the constructions shall be in accordance with the existing FSI/FAR norms as per Coastal Regulation Zone Notification, 2011.	Condition is not applicable. Site does not fall in CRZ area.
11.	The Project Proponent shall provide car parking exclusively for the visiting guest in the proposed residential apartments as per CMDA norms.	Condition is not applicable. Proposed project is an industrial park.
12.	The project proponent shall ensure the level of basement shall be above Maximum flood level.	Condition noted.
13.	The proponent shall prepare completion plans showing Separate pipelines marked with different colors with the following details	Condition is not applicable for the project. Since it is an Industrial Park. Request letter has been submitted to SEIAA, TN for

	i. Location of STP, compost system, underground sewer line. ii. Pipe Line conveying the treated iii. Effluent for green belt development. iv. Pipe Line conveying the treated effluent for toilet flushing v. Water supply pipeline vi. Gas supply pipe line, if proposed vii. Telephone cable viii. Power cable ix. Storm water drains, and x. Rain water harvesting system, etc. and it shall be made available to the owners	exemption of this condition. Acknowledgement copy is enclosed as Annexure-13.
14.	A First Aid Room shall be provided in the project site during the entire construction and operation phases of the project.	Condition will be complied. First Aid room is provided in the Industrial Housing Facility. Photographs of First aid facility is enclosed as Annexure- 18.
15.	The present land use surrounding the project site shall not be disturbed at any point of time.	Condition Noted.
16.	The greenbelt area shall be planted with indigenous native trees.	Condition is being complied. Greenbelt was developed with native indigenous species. Greenbelt photograph is enclosed as Annexure- 19.
17.	Natural vegetation listed particularly the trees shall not be removed during the Construction/operation phase. In case any trees are likely to be disturbed, shall be Replanted.	Condition Noted.
18.	During the construction and operation phase, there should be no disturbance to the aquatic eco-system within and outside the area.	Condition Noted. All the member units will be instructed to comply with.

19.	The Provisions of Forest conservation Act 1980, Wild Life Protection Act 1972 & Bio diversity Act 2002 should not be violated.	Condition Noted.
20.	There should be Fire fighting plan and all required safety plan.	Condition Noted. Fire protection equipment is enclosed as annexure – 17.
21.	Regular fire drills should be held to create awareness among owners/ residents.	Condition noted. All the member units will be instructed to comply with.

Part - C - Specific Conditions - Construction phase

1. Construction Schedule:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
i	The Project proponent shall have to furnish the probable date of Commissioning of the project supported with necessary bar charts to SEIAA-TN.	Condition will be complied.

2. Labour Welfare:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
i	All the laborers to be engaged for construction should be screened for health and adequately treated before and during their employment on the Work at the site.	Condition noted. All the member units will be instructed to comply with.
ii	Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contradictions due to exposure to dust and take corrective	Condition Noted. Adequate training and protection equipment measure are given to the workers.

	Measures, if needed.	
iii	Periodical medical examination of the workers engaged in the project Shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly. The workers shall be provided with personnel protective measures such as masks, gloves, boots etc	Condition noted. All the member units will be instructed to comply with.

3. Water Supply:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
i.	The entire water requirement during construction phase may be met from ground water source from the source with approval of the PWD.	Fresh Water requirement will be met from Chembarambakkam Lake. Water supply letter is enclosed as Annexure-2 .
ii.	Provision shall be made for the housing labour within the site with all necessary infrastructures and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Condition complied. Photographs of creche facility is enclosed as Annexure-28 . Photographs of drinking water facility is enclosed as Annexure-29 .
iii.	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The treatment and disposal of wastewater shall be through dispersion trench after treatment through septic tank. The MSW generated shall be disposed through Local Body and the identified dumpsite only.	Condition noted All the member units will comply with.
iv.	Water demand during construction should be reduced by use of premixed concrete, curing agents and other best practices prevalent.	Condition noted All the member units will comply with.
v.	Fixtures for showers, toilet flushing and	Condition noted.

drinking water should be of low flow type by adopting the use of aerators pressure reducing devices sensor based control.	All the member units will comply with.
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4. Solid Waste Management:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
i.	In the solid waste management plan, the STP sludge management plan for direct use as manure for gardens is not acceptable; it must be composted with biodegradables.	Condition noted. No STP has been proposed under SIPCOT common infrastructure; hence, generation of STP sludge does not arise. Individual industries shall manage STP sludge, if any, in compliance with applicable statutory provisions. Photographs of Solid waste management area is enclosed as Annexure-25 .
ii.	House hold hazardous waste such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent bottles should be segregated at source, collected once in a month from residences and disposed as per the SWM rules 2016.	Condition noted and will be complied. All the member units will be instructed to follow applicable rules and guidelines.
iii.	Domestic solid wastes to be regularly collected in bins or waste handling receptacles and disposed as per the solid waste management rules 2016.	Condition noted and will be complied. All the member units will be instructed to follow applicable rules and guidelines. Photographs of Solid waste management area is enclosed as Annexure-25 .
iv.	No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.	Condition noted. All the member units will be instructed to comply with.
v.	E-waste shall be disposed through Authorized vendor as per E- waste(Management and Handling) Rules, 2016 and subsequent amendment.	Condition noted and will be complied. All the member units will be instructed to follow applicable rules and guidelines.

5. Top Soil Management:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
i.	All the topsoil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.	Condition complied. Topsoil excavation during construction activities are reused for greenbelt development.

6. Construction Debris disposal:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
i.	Disposal of construction debris during construction phase should not create any adverse effect on the neighboring communities and be disposed off only in approved sites, with the approval of Competent Authority with necessary precautions for general safety and health aspects of the people. The construction and demolition waste shall be managed as per Construction & Demolition Waste Management Rules, 2016.	Condition noted and will be complied. All the member units will be instructed to follow applicable rules and guidelines.
ii.	Construction spoils, including bituminous materials and other hazardous materials, must not be allowed to contaminate watercourses. The dumpsites for such materials must be secured so that they should not leach into the adjacent land/lake/ stream etc.	Condition noted. All the member units will be instructed to follow applicable rules and guidelines. Surface water quality monitoring report is enclosed as Annexure-4 .

7. Diesel Generator sets:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
i.	Low Sulphur Diesel shall be used for operating diesel generator sets to be used during construction phase. The air and noise emissions shall conform to the standards prescribed in the Rules under the Environment (Protection) Act, 1986, and the Rules framed there on.	Condition noted and will be complied. Air and noise quality monitoring report is enclosed as Annexure-4 .

ii.	The diesel required for operating stand by DG sets shall be stored in underground tanks fulfilling the safety norms and if required, clearance from Chief Controller of Explosives shall be taken.	Condition noted and will be complied. All the member units will be instructed to follow applicable rules and guidelines.
iii.	The acoustic enclosures shall be installed at all noise generating equipment such as DG sets, air conditioning systems, cooling water tower etc.	Condition noted and will be complied. All the member units will be instructed to follow applicable rules and guidelines.

8. Air & Noise Pollution Control:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
i.	Vehicles hired for bringing construction materials to the site should be in good condition and should conform to air and noise emission standards, prescribed by TNPCB/CPCB. The vehicles should be operated only during non-peak hours.	Condition is being complied. Vehicles used for bringing construction materials to the site are in good condition and operated only during non-peak hours. Air and noise quality monitoring report is enclosed as Annexure 4.
ii.	Ambient air and noise levels should conform to residential standards Prescribed by the TNPCB, both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during the construction phase. The pollution abatement measures shall be strictly implemented.	Condition is being complied. Air and noise quality monitoring report is enclosed as Annexure 4.
iii.	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site shall be avoided. Parking shall be fully internalized and no public space should be utilized. Parking plan to be as per DTCP norms. The traffic department shall be consulted and any cost-effective traffic regulative facility shall be met before commissioning.	Condition noted and will be complied Parking is fully internalized and no public space is utilized for parking area. Photographs of parking area is enclosed as Annexure -26.

iv.	The buildings should have adequate distance between them to allow free movement of fresh air and passage of natural light, air and ventilation.	Condition noted. All the member units will be instructed to comply with.
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9. Building material:

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

10. Storm Water Drainage:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
i.	Storm water management around the site and on site shall be established by following the guidelines laid down by the storm water manual.	Condition noted. Storm drain photographs are enclosed as Annexure - 20.
ii.	Storm water management plan shall be obtained by engaging the services of Anna University/IIT.	Condition Noted.

11. Energy Conservation Measures:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
i.	Roof should meet prescriptive requirement as	All the member units will be instructed to

	per Energy Conservation Building Code by using appropriate thermal insulation material, to fulfill requirement.	follow applicable rules and guidelines.
ii.	Opaque wall should meet prescribed requirement as per Energy Conservation Building Code which is mandatory for all air-conditioned spaces by use of appropriate thermal insulation material to fulfill the requirement.	All the member units shall comply with.
iii.	All norms of Energy Conservation Building Code (ECBC) and National Building Code, 2005 as energy conservation have to be adopted Solar lights shall be provided for illumination of common areas.	Condition is being complied. LED light photograph is enclosed as Annexure- 16.
iv.	Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting. A hybrids system or fully solar system for a portion of the apartments shall be provided.	Condition is being complied. Solar panel photograph of industrial housing is enclosed as Annexure- 22.
v.	A report on the energy conservation measures conforming to energy conservation norms prescribed by the Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology's & U factors etc and submitted to the SEIAA in three month's time.	All the member units shall comply with.
vi.	Energy conservation measures like installation of CFLs/TFLs for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.	Condition complied. LED light photographs are enclosed as Annexure- 16.

12. Fire Safety:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
i.	Adequate fire protection equipments and	Condition complied.

	rescue arrangements should be made as per the prescribed standards.	Fire protection equipment are provided in the Industrial Housing Facility. Fire protection equipment photograph is enclosed as Annexure- 17.
ii.	Proper and free approach road for fire-fighting vehicles up to the buildings and for rescue operations in the event of emergency shall be made.	Condition complied. Free approach road has been provided for fire fighting vehicles up to the buildings and for rescue operation.

13. Green Belt Development:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
i.	The Project Proponent shall plant tree species with large potential for carbon capture in the proposed green belt area based on the recommendation of the Forest department well before the project is completed.	Condition is being complied. Greenbelt photograph is enclosed as Annexure – 19.
ii.	The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wild range of indigenous plants species should be planted in and around the premise in consultation with the DFO, Kancheepuram District I State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. If possible Miyawaki method of planting i.e planting different types of trees at very close escapement may be tried which will give a good green cover. A total of 15% of the plot area should be designated for	Condition is being complied. Greenbelt photograph is enclosed as Annexure- 19.

	green belt which should be raised along the boundaries of the plot and in between blocks in an organized manner.	
iii.	The proponent shall develop the greenbelt as per the plan furnished and area earmarked for the greenbelt shall not be alter at any point of time for any other purpose.	Condition noted.
iv.	The proponent has to earmark the greenbelt area with dimension and GPS Coordinates for the green belt area and the same shall be included in the layout out plan to be submitted for DTCP approval.	Condition Noted.

14. Sewage Treatment Plant:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
i.	The Sewage Treatment Plant (STP) installed should be certified by an independent expert/ reputed Academic institution for its adequacy and are report in this regard should be submitted to the SEIAA, TN before the project is commissioned for operation. Explore the less power consuming systems viz baffle reactor, etc., for the treatment of sewage.	Condition Noted. All the member units shall comply with
ii.	The Proponent shall install STP as furnished. Any alteration to satisfy the bathing quality shall be informed to SEIAA-TN.	Condition Noted. All the member units shall comply with. STP photographs of industries is enclosed as Annexure- 21 . SIPCOT has provided STP for Industrial Housing Facility. STP photo of Industrial Housing is enclosed as Annexure –21a .
iii.	The project proponent shall operate and maintain the Sewage treatment Plant effectively to meet the standards prescribed by the CPCB.	Condition will be Complied. All the member units will be instructed to follow applicable rules and guidelines.

iv.	The project proponent shall continuously operate and maintain the Sewage treatment plant to achieve the standards prescribed by the CPCB.	Condition will be Complied. All the member units will be instructed to follow applicable rules and guidelines.
v.	The project proponent has to ensure the complete recycling of treated sewage after achieving the standards prescribed by the CPCB.	Condition will be Complied. All the member units will be instructed to follow applicable rules and guidelines.
vi.	The project proponent has to provide separate standby D.G set for the STP for the continuous operation of the STP in case of power failure.	Condition will be Complied.

15. Rain Water Harvesting:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
i.	The proponent/ Owner of the Flats shall ensure that roof rain water collected from the covered roof of the buildings, etc. shall be harvested so as to ensure the maximum beneficiation of rain water harvesting by constructing adequate sumps so that 100% of the harvested water shall be reused.	Condition noted and will be complied. We SIPCOT ensure that roof rain water collect from the covered roof of the building will be harvested. Photographs of RWH structures are enclosed as Annexure – 24.
ii.	Rain water harvesting for surface run- off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment with screens, settlers etc. must be done to remove suspended matter, oil and grease, etc.	Condition complied. Photographs of RWH structures are enclosed as Annexure – 24.
iii.	The project activity should not cause any disturbance & deterioration of the local bio diversity.	Condition noted.

16. Building Safety:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
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i.	Lightning arrester shall be properly designed and installed at top of the Building and where ever is necessary.	All member industries will be required to comply with all applicable rules and guidelines. Photographs of lightning arrester is enclosed as Annexure – 27.
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5. ENVIRONMENTAL MONITORING DETAILS

It is mandatory to submit six monthly compliance report (Half Yearly Compliance) to MoEF & CC Regional Office by the proponent. For the purpose of submitting Six-Monthly Compliance report, environmental monitoring was carried out at site by M/s.Lotus Enviro Systems Pvt Lt, an NABL laboratory during the period of October 2025 to March 2026.

5.1 Ambient Air Quality monitoring

The ambient air quality parameters such as suspended Particulate matter (PM10), Respirable Particulate matter (PM 2.5), Sulphur dioxide, Oxides of Nitrogen (NOx), Ammonia, Ozone and Carbon monoxide were monitored. The test report of ambient air quality for the period of October 2025 to March 2026 is attached as **Annexure –4**.

5.2 Ambient Noise level monitoring

Ambient noise levels were monitored and the test report of ambient noise recorded during the period of October 2025 to March 2026 is enclosed as **Annexure - 4**.

5.3 Soil quality monitoring

Soil samples were collected and analyzed for nutrients and heavy metals. The test report of soil samples collected and analyzed during the period of October 2025 to March 2026 is enclosed as **Annexure –4**.

5.4 Ground water quality monitoring

Ground water was tested for various water quality parameters during the period October 2025 to March 2026. The test report of ground water samples collected and analyzed is enclosed as **Annexure-4**.

5.5 Surface water quality monitoring

The surface water was collected and tested for various water quality parameters during the period of October 2025 to March 2026. The test report of surface water collected and analyzed is enclosed as **Annexure-4**.

Environmental Monitoring Photographs are enclosed as **Annexure -5**.

6. CONCLUSION

1. The environmental monitoring was carried out at site during the period of **October 2025 to March 2026**.
2. All the conditions stipulated in Environmental Clearance are complied/ being complied / will be complied.

ENVIRONMENTAL
CLEARANCE

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

To,

The Managing Director
 STATE INDUSTRIES PROMOTION CORPORATION OF TAMILNADU
 LIMITED (SIPCOT)
 19-A,Rukmani Lakshmipathy Road, Egmore,Chennai -600008

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

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)
 in respect of project submitted to the SEIAA vide proposal number
 SIA/TN/MIS/65718/2021 dated 16 Jul 2021. The particulars of the environmental
 clearance granted to the project are as below.

- | | |
|---|--|
| 1. EC Identification No. | EC22B039TN177183 |
| 2. File No. | 7316/2020 |
| 3. Project Type | Expansion |
| 4. Category | B1 |
| 5. Project/Activity including
Schedule No. | 8(b) Townships and Area Development
projects. |
| 6. Name of Project | Expansion in VallamVadagal Industrial
Park- II including Industrial Housing
facility in an area of 131.73 Ha (325.36
Acres) |
| 7. Name of Company/Organization | STATE INDUSTRIES PROMOTION
CORPORATION OF TAMILNADU
LIMITED (SIPCOT) |
| 8. Location of Project | Tamil Nadu |
| 9. TOR Date | 05 Jul 2021 |

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

Date: 09/02/2022

(e-signed)
Tmt.P.RAJESWARI,IFS
Member Secretary
SEIAA - (Tamil Nadu)

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

This is a computer generated cover page.

PARIVESH

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 and Virtuous Environmental Single-Window Hub)*





STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY – TAMIL NADU

3rd Floor, Panagal Maaligai, No.1 Jeenis Road, Saidapet, Chennai-15.

ENVIRONMENTAL CLEARANCE (EC)

Letter No. SEIAA-TN/F. 7316/EC/ 8(b)/797/2022 dated: 02.02.2022.

To

The Managing Director
M/s. State Industries Promotion Corporation of Tamil Nadu Limited
19-A, Rukmani Lakshmipathy Road
Post Box No.7223
Egmore
Chennai-600 008

Sir,

Sub: SEIAA, TN - Environmental Clearance – Proposed Expansion & change in concept of Development of Vallam Vadagal Industrial Park II by including Industrial Housing facility for the employees of Vallam Vadagal IP –II is 131.73 Ha (325.36 Acres) (Exclusively for industries which does not require EC neither A nor B category Construction of Industrial Housing Facility with built up area 2,07,736.10Sq.m comprising 3120 no of units promoted by M/s. State Industries Promotion Corporation of Tamil Nadu Limited at Survey No: 237pt, 238, 239pt/1-133, 241pt, 242pt, 243, 247pt, 265, 266, 267, 268pt, 269pt, 270 of Vallam 'A' Village & 271, 272 pt, 275pt, 276pt, 277pt, 278, 279pt, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302 of Vallam 'B' Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu - Issued – Regarding.

Ref: 1. Earlier EC issued vide Letter No. SEIAA-TN/F.No.7316/EC/8(b)/727/2020 dated:23.10.2020

2. Your application for Terms of Reference dated: 27.04.2021

3. ToR Issued by SEIAA-TN Vide Lr.No.SEIAA-TN/F.No.7316/SEAC/8(b)/ToR-


MEMBER SECRETARY
SEIAA-TN

967/2021 dated: 05.07.2021

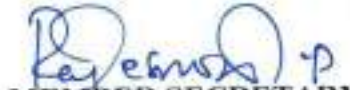
4. EIA report submitted to SEIAA-TN on 19.07.2021
5. Minutes of the 233rd SEAC Meeting held on 21.09.2021
6. Proponent reply dated 01.10.2021
7. Minutes of the 239th SEAC Meeting held on 22.10.2021
8. Minutes of the 483rd SEIAA Meeting held on 28.01.2022

This has reference to your application 4th cited, the proposal is for obtaining Environmental Clearance to establish a construction project under Category B2 and Schedule S.No. 8(b) under the Environment Impact Assessment Notification, 2006, as amended.

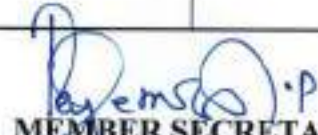
The Competent Authority and Authorized signatory furnished detailed information in Form 1 and Form 1A and liquidate enclosures are as Annexures:

Annexure I

PROJECT DETAILS		
SL No	Description	Details
1)	Name of the Project proponent and address	The Managing Director M/s. State Industries Promotion Corporation of Tamil Nadu Limited. 19-A, Rukmani Lakshmiipathy Road Post Box no.7223 Egmore Chennai-600 008
2)	Proposed Activity	Expansion & change in concept of Development of Vallam Vadagal Industrial Park II by including Industrial Housing facility for the employees of Vallam Vadagal IP -II is 131.73 Ha (325.36 Acres) (Exclusively for industries which does not require EC neither A nor B category)


MEMBER SECRETARY
SEIAA-TN

		Construction of Industrial Housing Facility with built up area 2,07,736.10Sq.m comprising 3120 no of units promoted through SIPCOT.																
3)	Schedule No.	8(b)																
4)	Project Location																	
	i)Survey No	237pt, 238, 239pt/1-133, 241pt, 242pt, 243, 247pt, 265, 266, 267, 268pt, 269pt, 270 of Vallam 'A' Village & 271, 272 pt, 275pt, 276pt, 277pt, 278, 279pt, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302 of Vallam 'B' Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu																
	ii)Revenue Village	Vallam 'A' Village & Vallam 'B' Village																
	iii)Taluk	Sriperumbudur																
	iv)District	Kancheepuram																
5)	Area of the Land	With a total area of 131.73Ha (325.36Acres)																
6)	Built up Area																	
	<table><tr><th>S. No</th><th>Details</th><th>Area in ha</th><th>Area in Acre</th></tr><tr><td>1.</td><td>Industrial Plots (including 33% green belt)</td><td>77.20</td><td>190.71</td></tr><tr><td>2.</td><td>Industrial Housing Facility (Overall area- 30.83, OSR13-1.98, GB-2.19, Commercial-1.51, SWM-2.11 Acres, remaining Area- 23.04 excluding,)</td><td>9.33</td><td>23.04</td></tr><tr><td>3.</td><td>Common amenities (Project Office including health centre, water</td><td>1.26</td><td>3.10</td></tr></table>	S. No	Details	Area in ha	Area in Acre	1.	Industrial Plots (including 33% green belt)	77.20	190.71	2.	Industrial Housing Facility (Overall area- 30.83, OSR13-1.98, GB-2.19, Commercial-1.51, SWM-2.11 Acres, remaining Area- 23.04 excluding,)	9.33	23.04	3.	Common amenities (Project Office including health centre, water	1.26	3.10	
S. No	Details	Area in ha	Area in Acre															
1.	Industrial Plots (including 33% green belt)	77.20	190.71															
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3.	Common amenities (Project Office including health centre, water	1.26	3.10															

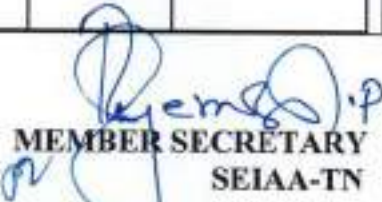

MEMBER SECRETARY
SEIAA-TN

	supply, EB, Fire station, etc)		
4.	Commercial area (Bank, ATM, Shops, canteen, etc (Housing-1.51Acres+Industrial park-8.01Acres)	3.85	9.52
5.	Roads, Storm water drain	12.26	30.27
6.	Solid waste management (housing including Biomethanation -2.11 Acres + Industrial Park including E-waste -4.91 Acres)	2.84	7.02
7.	OSR area (Housing OSR 13-1.98 Acres + Industrial Park OSR 1 to12 -29.06 Acres)	12.57	31.04
8.	Greenbelt 3m along road side	3.0	7.41
9.	Greenbelt (Housing GB-2.19 Acres, Industrial Park(5m along periphery of site) - 6.09 Acres)	3.35	8.28
	Developable area	125.66	310.39
	Water bodies	6.06	14.97
	Total Area	131.73	325.36

S. No	Description	Area (Sq. m)
1.	Ground coverage for 13 Blocks	18885.10
2.	Commercial area	5714.14
3.	Health centre	400.0
4.	Sewage treatment plant	3100.0
5.	Solid waste management	3122.63
6.	Green Belt	8862.30
7.	Transformer Yard	200.0
8.	Road	26737.65
9.	Paver Block Area	19527.19
10.	O.S.R area	8005.87
11.	Road	24428.20
12.	Recreational area	30209.70


MEMBER SECRETARY
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		Total				1,24,764.58																																																																																				
7)	Brief description of the project “Development of Vallam-Vadagal industrial Park-II with Industrial Housing Facility” at an area of 131.73 Ha (325.36 Acres) Industrial Park is proposed for Non EC category industries. Industrial Housing - 13 Blocks each of S+10 floors (3120 no. of units) with total built up area 207736.10Sq.m. (to accommodate the employees of Vallam Vadagal IP -II) Built up area - 2,07,736.10 Sq.m <table><tr><th>S.No</th><th>Floors</th><th>No of units /floor</th><th>No. of persons(@ 5 persons /unit)</th><th>FSI Area (Sq.m)</th><th>Non FSI Area (Sq.m)</th><th>Total Built up area (Sq.m)</th></tr><tr><td>1</td><td>Stilt</td><td>0</td><td>0</td><td>0</td><td>1452.70</td><td>1452.70</td></tr><tr><td>2</td><td>1st Floor</td><td>24</td><td>120</td><td>1452.70</td><td>0</td><td>1452.70</td></tr><tr><td>3</td><td>2nd Floor</td><td>24</td><td>120</td><td>1452.70</td><td>0</td><td>1452.70</td></tr><tr><td>4</td><td>3rd Floor</td><td>24</td><td>120</td><td>1452.70</td><td>0</td><td>1452.70</td></tr><tr><td>5</td><td>4th Floor</td><td>24</td><td>120</td><td>1452.70</td><td>0</td><td>1452.70</td></tr><tr><td>6</td><td>5th Floor</td><td>24</td><td>120</td><td>1452.70</td><td>0</td><td>1452.70</td></tr><tr><td>7</td><td>6th Floor</td><td>24</td><td>120</td><td>1452.70</td><td>0</td><td>1452.70</td></tr><tr><td>8</td><td>7th Floor</td><td>24</td><td>120</td><td>1452.70</td><td>0</td><td>1452.70</td></tr><tr><td>9</td><td>8th Floor</td><td>24</td><td>120</td><td>1452.70</td><td>0</td><td>1452.70</td></tr><tr><td>10</td><td>9th Floor</td><td>24</td><td>120</td><td>1452.70</td><td>0</td><td>1452.70</td></tr><tr><td>11</td><td>10th Floor</td><td>24</td><td>120</td><td>1452.70</td><td>0</td><td>1452.70</td></tr></table>						S.No	Floors	No of units /floor	No. of persons(@ 5 persons /unit)	FSI Area (Sq.m)	Non FSI Area (Sq.m)	Total Built up area (Sq.m)	1	Stilt	0	0	0	1452.70	1452.70	2	1 st Floor	24	120	1452.70	0	1452.70	3	2 nd Floor	24	120	1452.70	0	1452.70	4	3 rd Floor	24	120	1452.70	0	1452.70	5	4 th Floor	24	120	1452.70	0	1452.70	6	5 th Floor	24	120	1452.70	0	1452.70	7	6 th Floor	24	120	1452.70	0	1452.70	8	7 th Floor	24	120	1452.70	0	1452.70	9	8 th Floor	24	120	1452.70	0	1452.70	10	9 th Floor	24	120	1452.70	0	1452.70	11	10 th Floor	24	120	1452.70	0	1452.70
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11	10 th Floor	24	120	1452.70	0	1452.70																																																																																				


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	12	Total for 1 Block	240	1200	14,527	1452.70	15,979.70
	13	Total for 13 Blocks	3120	15,600	15979.70 x 13		2,07,736.10

8)

Green Belt:
44.39Ha (109.66 Acres) (35.33% of total developable area of 125.66Ha(310.39Acres))

S.No	Green belt area break up	Area (Ha)	Area (Acres)
1	OSR Area	11.07	27.35
2	33% green belt in industrial plots	25.48	62.94
3	Green belt 3m along road side	3.0	7.41
4	Additional Green belt	4.84	11.95
	Total	44.39	109.65

9)

UTILITIES-WATER

(i) Total water requirement for the project after expansion & modification is 5763 KLD.
(ii) Fresh water requirement -2094.5 KLD
(iii) Recycled water -3668.5 KLD
(iv) Flushing for Industrial Housing -704 KLD.
(v) Process and Utilities -806.5 KLD
(vi) Green belt development -1554 KLD
(vii)Excess treated sewage of 145 KLD will be used for green belt development for Aerospace Park which is adjacent to the site.

10)

a) Source from where the water is proposed to be drawn

Fresh water requirement will be met from Chembarambakkam Lake through metro water pipelines.

Waste Water management :


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S.No	Wastewater source	Existing	After expansion & modification	Treatment
1	Sewage from industrial housing facility	Nil	1968 KLD	Treated in 2.5 MLD STP for Industrial Housing Facility. Treated sewage will be used for flushing for Industrial housing and green belt within the Industrial Park after disinfection. Excess treated sewage from housing facility will be sent to Aerospace Park which is adjacent to the site.
2	Sewage from industries	435 KLD	1039 KLD	Will be treated by individual industries and reused for flushing green belt development.
3	Effluent from individual industries	700 KLD	810 KLD	Will be treated by individual industries and reused for process and utilities. ZLD will be maintained by individual industries.

11) Solid Waste Management

S. No	Solid waste details	Quantity (kg/day)	Management
Industrial Park			
1	Organic waste	6520.5	Individual industries will segregate the waste and organic waste will be composted and used as manure.
2	Inorganic waste	4347.5	Sold to TNPCB authorized recyclers
Industrial Housing			

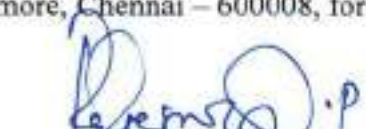

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	1	Organic Waste	4212	Segregated in SWM area proposed for Industrial housing and composted at site. Compost will be used as manure for green belt
	2	Inorganic waste	2808	Sold to TNPCB authorized recyclers
Hazardous Waste Generation and Management from Industrial Housing				
	S. No	Name of the materials	Quantity	Method of disposal
	1	5.1 -Used/Spent oil	131.4KL/A	Disposed to TNPCB authorized recyclers
	2	33.3- Empty barrels/containers/liners contaminated with hazardous chemicals/ wastes	2500 nos/Annum	Disposed to TNPCB authorized recyclers
12)	Power requirement		Existing Industrial Park - 21 MW from TANGEDCO After proposed expansion and Modification - 39 MW from TANGEDCO	
13)	Project Cost		Project cost for the proposed project is estimated at 1040 Crores which includes Rs.360 Crores for Industrial Park and Rs.680 Crores for Industrial Housing Facility	
14)	EMP Cost		Rs. 1825.93Lakhs	

Annexure 2- Affidavit

The Proponent has furnished affidavit in One Hundred Rupees stamp paper attested by the Notary stating that

I, Thiru. T. Anand, I.A.S, Managing Director, Authorized Signatory, representing M/s. State Industries Promotion Corporation of Tamil Nadu Limited (SIPCOT) having registered office at 19-A, Rukmani Lakshmiipathy Road, Egmore, Chennai – 600008, for


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the proposed "Development of Vallam Vadagal Industrial Park II with Industrial Housing Facility" over an extent of 131.73 Ha (325.36 Acres) at Survey No's: 237 pt, 238, 239pt/1-133, 241pt, 242pt, 243, 247pt, 265, 266, 267, 268pt, 269pt, 270 of Vallam 'A' village and 271, 272pt, 275pt, 276pt, 277pt, 278, 279pt, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302 of Vallam 'B' Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu State, hereby take oath and state as under in this affidavit:

- I. The total water requirement of the park is estimated at 5763 KLD (Fresh water: 2094.5 KLD and Recycled water: 3668.5 KLD). Fresh water requirement for the Industrial Park is proposed to be sourced from Chembarambakkam lake through Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB).
- II. Power Supply (39 MVA) will be ensured from Tamil Nadu Generation and Distribution Co. Ltd. (TANGEDCO) Facility as a common supply system by SIPCOT to all member industries. The Individual industries will avail power supply from TANGEDCO and may have backup DG sets as per their requirement. For Housing facility 2x1500 kVA DGs are proposed for power backup.
- III. All member industries will be instructed to provide rain water harvesting structures as per norms. SIPCOT will construct Rainwater harvesting pits along the storm water drain for recharging ground water.
- IV. Storm water drainage will be provided as open concrete channels all along the road for ensuring proper collection of storm water and the same will be used for recharging the rain water harvesting structures. We confirm that the storm water drain would not carry any untreated (or) treated sewage.
- V. All member industries will be instructed to have their own solid waste and hazardous storage facility within their Plot. Inorganic waste will be sold to TNPCB authorized recyclers/ service providers by member units. SIPCOT has earmarked 7.02 Acres of land for establishment of Solid Waste Management facility. Biomethanation plant of 12 TPD is proposed for the project to cater the Organic waste generation from the Industrial Park & Industrial housing facility.


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- VI. All member industries will be mandated to store and dispose the hazardous waste generated within their premises as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- VII. For the Industrial Housing facility, 2.5 MLD STP is proposed to treat the sewage generated from the Industrial Housing Facility and the treated sewage will be reused for flushing within the housing facility and for green belt development within the Industrial Park. Individual industries in the Industrial Park will be mandated to provide STP/ETP of adequate capacity and maintain Zero Liquid Discharge (ZLD) system.
- VIII. Overall Green Belt area of the park would be ≈ 109.65 acres i.e., 35.33% of developable area of 310.39 acres.

S.No	Green belt area break up	Area (Ha)	Area (Acres)
1	OSR Area	11.07	27.35
2	33% green belt in industrial plots	25.48	62.94
3	Green belt 3m along road side	3.0	7.41
4	Additional Green belt	4.84	11.95
	Total	44.39	109.65

- IX. EMP cost of the park is INR. 1825.93 Lakhs. Details are given below:

S.No	Project Components	Tentative Cost (INR lakhs)
1	Storm Water drains	1107.00
2	Solar Street Lights	98.00
3	Green Belt Development	11.53
4	Rain Water Harvesting	50.00
5	Solid Waste Management in Park	30.00
6	Health Centre /Medical Dispensary	25.00
7	STP for Industrial Housing (2.5 MLD), solar lighting	150.0
8	Stacks for Industrial Housing DG set	20.0


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S.No	Project Components	Tentative Cost (INR lakhs)
9	Biomethanation plant	55.0
10	E waste closed shed	269.00
11	Sanitary napkin incinerator for Industrial housing (130 nos)	10.4
	Total EMP Cost	1825.93

- X. As per Office Memorandum dated 1st May, 2018 from MoEF&CC, SIPCOT will earmark INR 520 Lakhs i.e., 0.5% of the project cost (Rs.1040 Crores) towards CER activities.

Declaration

I, Thiru. T. Anand, I.A.S., do hereby declare that the statement made by me under para (I) to (X) are true and correct to the best of my knowledge and belief. Nothing is false and nothing is concealed in it.

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 III Stage (3) (i) (d) of EIA Notification, 2006.

SEAC Remarks:

The proposal was again placed for appraisal in this 239th meeting of SEAC held on 22.10.2021. Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of issue of Environmental Clearance subject to the following specific conditions, in addition to normal conditions stipulated by MOEF&CC:

1. The project proponent shall continuously operate and maintain the Sewage treatment plant & Grey Water Treatment Plant to achieve the standards prescribed by the TNPCB/CPCB.
2. The project proponent shall submit flood inundation certificate and shall fix the level according to the conditions issued in the certificate.
3. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc. to SEIAA.
4. The height of the stacks of DG sets shall be provided as per the CPCB norms.


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5. The project proponent shall allot necessary area for the collection of E waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E waste generation within the premise.
6. The proponent shall make proper arrangements for the disposal of the treated water from the proposed site for Toilet flushing, green belt development & OSR and no treated water be let out of the premise.
7. The sludge generated from the Sewage Treatment Plant shall be collected and dewatered using filter press and the same shall be utilized as manure for green belt development after composting.
8. The proponent shall provide the separate wall between the STP and OSR area as per the layout furnished and committed.
9. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval. The total green belt area should be minimum 15% of the total area and the same shall not be used for car parking/OSR.
10. The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the public usage and as committed.
11. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
12. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary


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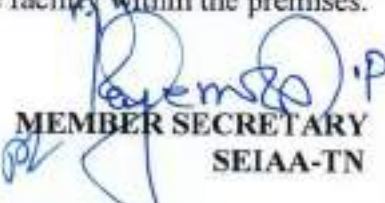
Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.

13. No waste of any type to be disposed off in any other way other than the approved one.
14. The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.
15. All the mitigation measures committed by the proponent for the flood management, to avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
16. The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines as committed for during SEAC meeting.
17. The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.
18. Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
19. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 & 20.10.2020 the proponent shall furnish the detailed EMP and the project proponent shall create a good Environmental Awareness Institute mentioning all the activities as CER proposal and furnish the same before placing the subject to SEIAA.

SEIAA Remarks:

The subject was placed in the 483rd Authority meeting held on 28.01.2022. After detailed discussions, the Authority accepted the recommendations of SEAC and decided to grant of Environmental Clearance subject to the conditions as recommended by SEAC & normal condition in addition to the following conditions:

1. All the construction of Buildings shall be energy efficient and conform to the green building norms.
2. The proponent shall provide the adequate play area for the children within the premises.
3. The proponent shall provide the adequate health care facility within the premises.


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4. The proponent shall provide the adequate parking facility within the premises, with clear traffic plan.
5. All the eateries provided within the premises shall be maintained in hygienic way.
6. The proponent shall ensure that no treated or untreated trade effluent/sewage shall be discharged outside the premises under any circumstances.
7. The proponent shall ensure that the activities should not result in temperature raise, nor lead to rise in carbon dioxide and other gases that add to climate change.
8. All the trees, biodiversity and water bodies within the premises should be protected.
9. Action should be initiated to cover 33% of the total project area under green belt development with native species.
10. All mitigation measures as suggested in the EIA/EMP and disaster management plan to be strictly adhered.
11. The activities should in no way cause emission and buildup Green House Gases(GHG).
12. All actions to be eco friendly and support sustainable management of the natural resources within and outside premises.

Environmental Clearance along with the conditions containing four parts namely

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

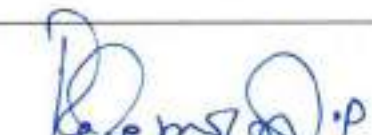
Part - B –Specific Conditions – Pre construction phase

Part - C - Specific Conditions – Construction phase

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

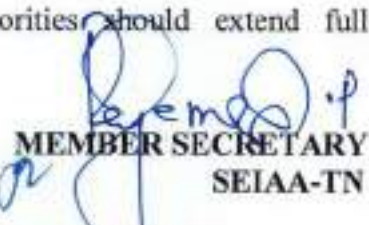
Validity:

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


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

1. Any appeal against this environmental clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
2. The construction of STP, Solid Waste Management facility, E-waste management facility, DG-sets, etc., should be made in the earmarked area only. In any case, the location of these utilities should not be changed later on.
3. The Environmental safeguards contained in the application of the proponent /mentioned during the presentation before the State Level Environment Impact Assessment Authority / State Level Expert Appraisal Committee should be implemented in the letter and spirit.
4. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire and Rescue Services Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wild Life (Protection) Act, 1972, State / Central Ground Water Authority, Coastal Regulatory Zone Authority, other statutory and other authorities as applicable to the project shall be obtained by project proponent from the concerned competent authorities.
5. The SEIAA reserves the right to add additional safeguard measures subsequently, if non-compliance of any of the EC conditions is found and to take action, including revoking of this Environmental Clearance as the case may be.
6. A proper record showing compliance of all the conditions of Environmental Clearance shall be maintained and made available at all the times.
7. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company. The status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chennai by e-mail.
8. The Regional Office of the Ministry located at Chennai shall monitor compliance of the stipulated conditions. The project authorities should extend full


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cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.

9. "Consent for Establishment" shall be obtained from the Tamil Nadu Pollution Control Board and a copy shall be submitted to the SEIAA, Tamil Nadu.
10. In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.
11. The conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability Insurance Act, 1991, along with their amendments, draft Minor Mineral Conservation & Development Rules, 2010 framed under MMDR Act 1957, National Commission for protection of Child Right Rules, 2006 and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/Hon'ble High Court of Madras and any other Courts of Law, including the Hon'ble National Green Tribunal relating to the subject matter.
12. The Environmental Clearance shall not be cited for relaxing the other applicable rules to this project.
13. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.
14. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, Chennai, the respective Zonal Office of CPCB, Bengaluru and the TNPCB. The criteria pollutant levels namely; PM10, PM2.5, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored.
15. The SEIAA, TN may cancel the environmental clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this environmental clearance, if it is found or if it comes to the knowledge of this SEIAA, TN that the project proponent has deliberately concealed and/or


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submitted false or misleading information or inadequate data for obtaining the environmental clearance.

16. The Environmental Clearance does not imply that the other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would be considering the project on merits and be taking decisions independently of the Environmental Clearance.
17. The SEIAA, TN may alter/modify the above conditions or stipulate any further condition in the interest of environment protection, even during the subsequent period.
18. The Environmental Clearance does not absolve the applicant/proponent of his obligation/requirement to obtain other statutory and administrative clearances from other statutory and administrative authorities.
19. Where the trees need to be cut, compensation plantation in the ratio of 1:10 (i.e. planting of 10 trees for every one tree that is cut) should be done with the obligation to continue maintenance.
20. A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive who will report directly to the Head of the Organization and the shortfall shall be strictly reviewed and addressed.
21. The EMP cost shall be deposited in a Nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually.
22. The project activity should not cause any disturbance & deterioration of the local bio diversity.
23. The project activity should not impact the water bodies. A detailed inventory of the water bodies and forest should be evaluated and fact reported to the Forest Department & PWD for monitoring.
24. All the assessed flora & fauna should be conserved and protected.
25. The proponent should strictly comply with, Tamil Nadu Government Order (Ms) No.84 Environment and forests (EC.2) Department dated 25.06.2018 regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.


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26. As per MoEF & CC, GoI, Office Memorandum dated 30.03.2015, prior clearance from Forestry & Wildlife angle including clearance from obtaining committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10KM from National Park and Sanctuaries.
27. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided.
28. The safety measures proposed in the report should be strictly followed.
29. The Developer shall ensure that no allotment letter/ sale deed in any form shall be made to house category A or category B industry as prescribed in the schedule of EIA notification 2006. However, in case any category A or category B type of industry as prescribed in the schedule of EIA notification 2006 is proposed then the individual unit shall apply and seek Environmental Clearance under the EIA notification 2006.
30. The Developer shall mandate the member industries of the Industrial Park to allot 33% of the plot area for green belt development and to install RWH structures.
31. The Developer has to ensure that all the member industries within the Industrial Park shall make their own arrangements to achieve zero discharge of the trade effluents, solid waste & E waste management, gaseous emission and noise control measures to achieve the standards prescribed by the TNPCCB.
32. The project proponent shall ensure that the individual member units will not be allowed to carry out manufacturing of products stipulated in G.O. (Ms) No. 84 dated 25/06/2018 on banning of one time use on and throwaway plastics.
33. The project proponent must submit the permissible land use classification certificate obtained from competent authority for the proposed project before obtain the CTE from TNPCCB.
34. The CER fund shall be utilized as per the office memorandum of MoEF & CC dated 01.05.2018 before obtaining CTO from TNPCCB.
35. The allotted industrial units shall obtain consent from the TNPCCB separately for their establishment & operation in this industrial estate.
36. The project proponent shall ensure that 33% of the total area of the project site should be covered with green belt.


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37. The proponent shall provide Rain Water Harvesting pits so as to recharge the ground water table.
38. Discharge of treated sewage shall conform to the norms & standards prescribed by the Tamil Nadu Pollution Control Board.
39. It is the sole responsibility of the proponent that the treated sewage disposed for green belt development/ avenue plantation should not pollute the soil/ ground water/ adjacent canals/ lakes/ ponds, etc.
40. The Developer has to ensure that all the member industries within the Industrial Park shall make their own arrangements to achieve zero discharge of the trade effluents.
41. The project proponent shall ensure that all the member units should treat and dispose solid waste & E-waste as per the Solid Waste Management Rule 2016 as amended and E-Waste Management Rules, 2016
42. There shall be no discharge of effluent outside the Industrial Park at any time.
43. The Developer shall mandate the member units of the Industrial Park to install adequate APC measures/Acoustic to achieve air emissions standards within permissible limits prescribed by the CPCB.

Part - B – Specific Conditions – Pre construction phase:

1. The project authorities should advertise with basic details at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of clearance. The press releases also mention that a copy of the clearance letter is available with the State Pollution Control Board and also at website of SEIAA, TN. The copy of the press release should be forwarded to the Regional Office of the Ministry of Environment and Forests located at Chennai and SEIAA-TN.
2. In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.
3. A copy of the clearance letter shall be sent by the proponent to the Local Body. The clearance letter shall also be put on the website of the Proponent.
4. The approval of the competent authority shall be obtained for structural safety of the buildings during earthquake, adequacy of fire fighting equipments, etc as per


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National Building Code including protection measures from lightning etc before commencement of the work.

5. All required sanitary and hygienic measures for the workers should be in place before starting construction activities and they have to be maintained throughout the construction phase.
6. Design of buildings should be in conformity with the Seismic Zone Classifications.
7. The Construction of the structures should be undertaken as per the plans approved by the concerned local authorities/local administration.
8. No construction activity of any kind shall be taken up in the OSR area.
9. Consent of the local body concerned should be obtained for using the treated sewage in the OSR area for gardening purpose. The quality of treated sewage shall satisfy the bathing quality prescribed by the CPCB.
10. The height and coverage of the constructions shall be in accordance with the existing FSI/FAR norms as per Coastal Regulation Zone Notification, 2011.
11. The Project Proponent shall provide car parking exclusively for the visiting guest in the proposed residential apartments as per CMDA norms.
12. The project proponent shall ensure the level of basement shall be above maximum flood level.
13. The proponent shall prepare completion plans showing Separate pipelines marked with different colours with the following details
 - i. Location of STP, compost system, underground sewer line.
 - ii. Pipe Line conveying the treated effluent for green belt development.
 - iii. Pipe Line conveying the treated effluent for toilet flushing
 - iv. Water supply pipeline
 - v. Gas supply pipe line, if proposed
 - vi. Telephone cable
 - vii. Power cable
 - viii. Storm water drains, and
 - ix. Rain water harvesting system, etc., and it shall be made available to the owners


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14. A First Aid Room shall be provided in the project site during the entire construction and operation phases of the project.
15. The present land use surrounding the project site shall not be disturbed at any point of time.
16. The green belt area shall be planted with indigenous native trees.
17. Natural vegetation listed particularly the trees shall not be removed during the construction/operation phase. In case any trees are likely to be disturbed, shall be replanted.
18. During the construction and operation phase, there should be no disturbance to the aquatic eco-system within and outside the area.
19. The Provisions of Forest conservation Act 1980, Wild Life Protection Act 1972 & Bio diversity Act 2002 should not be violated.
20. There should be Fire fighting plan and all required safety plan.
21. Regular fire drills should be held to create awareness among owners/ residents.

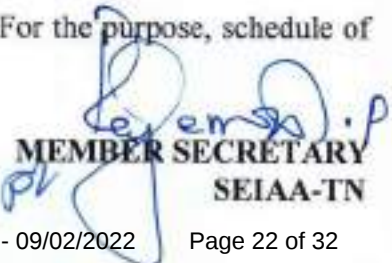
Part - C - Specific Conditions – Construction phase:

1. Construction Schedule:

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

2. Labour Welfare:

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


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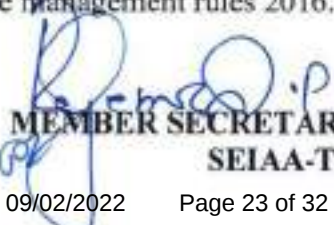
health examination of the workers should be drawn and followed accordingly. The workers shall be provided with personnel protective measures such as masks, gloves, boots etc.

3. Water Supply:

- i) The entire water requirement during construction phase may be met from ground water source from the source with approval of the PWD Department of water resources/ may be out sourced.
- ii) Provision shall be made for the housing labour within the site with all necessary infrastructures and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- iii) Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The treatment and disposal of waste water shall be through dispersion trench after treatment through septic tank. The MSW generated shall be disposed through Local Body and the identified dumpsite only.
- iv) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices prevalent.
- v) Fixtures for showers, toilet flushing and drinking water should be of low flow type by adopting the use of aerators / pressure reducing devices / sensor based control.

4. Solid Waste Management:

- i) In the solid waste management plan, the STP sludge management plan for direct use as manure for gardens is not acceptable; it must be co-composted with biodegradables.
- ii) House hold hazardous waste such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent bottles should be segregated at source, collected once in a month from residences and disposed as per the SWM rules 2016.
- iii) Domestic solid wastes to be regularly collected in bins or waste handling receptacles and disposed as per the solid waste management rules 2016.


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- iv) No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.
- v) E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016 and subsequent amendment.

5. Top Soil Management:

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

6. Construction Debris disposal:

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

7. Diesel Generator sets:

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

8. Air & Noise Pollution Control:


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- i) Vehicles hired for bringing construction materials to the site should be in good condition and should conform to air and noise emission standards, prescribed by TNPCB/CPCB. The vehicles should be operated only during non-peak hours.
- ii) Ambient air and noise levels should conform to residential standards prescribed by the TNPCB, both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during the construction phase. The pollution abatement measures shall be strictly implemented.
- iii) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site shall be avoided. Parking shall be fully internalized and no public space should be utilized. Parking plan to be as per DTCP norms. The traffic department shall be consulted and any cost effective traffic regulative facility shall be met before commissioning.
- iv) The buildings should have adequate distance between them to allow free movement of fresh air and passage of natural light, air and ventilation.

9. Building material:

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

10. Storm Water Drainage:

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

11. Energy Conservation Measures:


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

12. Fire Safety:

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

13. Green Belt Development:

- i) The Project Proponent shall plant tree species with large potential for carbon capture in the proposed green belt area based on the recommendation of the Forest department well before the project is completed.


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- ii) The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. The proponent shall earmark the greenbelt area with CPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval. The total green belt area should be minimum 15% of the total area and the same shall not be used for car parking/OSR.
- iii) The proponent shall develop the green belt as per the plan furnished and area earmarked for the greenbelt shall not be alter at any point of time for any other purpose.
- iv) The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area and the same shall be included in the layout out plan to be submitted for DTCP approval

14. Sewage Treatment Plant:

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


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

15. Rain Water Harvesting:

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

16. Building Safety:

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

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

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


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5. The project proponent has to furnish the certificate stating that the proposed site had not encroached any water body (rivers, canals, lakes, ponds, tanks, etc) from its original boundary shall be obtained from the competent authority before obtaining CTE from TNPCB.
6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
7. Solar energy saving shall be increased to atleast 10% of total energy utilization.
8. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
9. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF & CC as a part of six-monthly report.
10. The EMP cost shall be printed in the Brochure / Pamphlet for the preparation of the sale of the property and should also mention the component involved.
11. The Project proponent shall get due permission from the wetland Authority before the commencement of the work, if applicable.
12. The project activities should in no way disturb the manmade structures.
13. The Proponent shall do afforestation/ restoration programme contemplated to strengthen the open spaces shall preferably include native species along with the financial forecast for planting and maintenance for 5 years.
14. "Consent to Operate" should be obtained from the Tamil Nadu pollution Control Board before the start of the operation of the project and copy shall be submitted to the SEIAA-TN.
15. Raw water quality to be checked for portability and if necessary RO plant shall be provided.


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16. The Proponent should be responsible for the maintenance of common facilities including greening, rain water harvesting, sewage treatment and disposal, solid waste disposal and environmental monitoring including terrace gardening for a period of 3 years. Within one year after handing over the flats to all allottees a viable society or an association among the allottees shall be formed to take responsibility of continuous maintenance of all facilities with required agreements for compliance of all conditions furnished in Environment Clearance (EC) order issued by the SEIAA-TN or the Proponent himself shall maintain all the above facilities for the entire period. The copy of MOU between the buyers Association and proponent shall be communicated to SEIAA-TN.
17. The ground water level and its quality should be monitored and recorded regularly in consultation with Ground Water Authority.
18. Treated effluent emanating from STP shall be recycled / reused to the maximum extent possible. The treated sewage shall conform to the norms and standards for bathing quality laid down by CPCB irrespective of any use. Necessary measures should be made to mitigate the odour and mosquito problem from STP.
19. The Proponent shall operate STP continuously by providing stand by DG set in case of power failure.
20. Adequate measures should be taken to prevent odour emanating from solid waste processing plant and STP.
21. The E - waste generated should be collected and disposed to a nearby authorized e-waste centre as per E- waste (Management & Handling), Rules 2016 as amended.
22. Diesel power generating sets proposed as source of back-up power during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets.
23. The noise level shall be maintained as per MoEF/CPCB/TNPCB guidelines/norms both during day and night time.
24. Spent oil from D.G sets should be stored in HDPE drums in an isolated covered facility and disposed as per the Hazardous & other Wastes (Management &


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Transboundary Movement) Rules 2016. Spent oil from D.G sets should be disposed off through registered recyclers.

25. The proponent is required to provide a house hold hazardous waste / E-waste collection and disposal mechanism.
26. The proponent/ 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.
27. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.
28. A copy of the Environmental clearance (EC) letter shall be made available to all the allottees along with the allotment order / sale deed.
29. 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.


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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
3. The Member Secretary, Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai-600 032.
4. The APCCF (C), Regional Office, Ministry of Environment & Forest (SZ), 34, HEPC Building, 1st & 2nd Floor, Cathedral Garden Road, Nungambakkam, Chennai - 34.

5. Monitoring Cell, I A Division, Ministry of Environment & Forests, Paryavaran Bhavan, CGO Complex, New Delhi 110003.
6. The District Collector, Kanchipuram District
7. Stock File.



பாசனம் - ஸ்ரீமதி மாவட்டம் - திருப்பெரும்புளூர் வட்டம் - இருக்காட்டுக் கோட்டை கிராமம் - அப்போட் தொழில் வளாகத்தில் ஸ்ரீமதி தொழிற்சாலைக்கு - செம்பரம்பாக்கம் ஏரியிலிருந்து ஓட்டை மறிப்பு நிலங்களுக்கு நீர்ப்பாசனம் போக எஞ்சிய நீர் 5 மில்லியட் கன அடங்குமளவு - வடிகால் - கட்ட வேண்டிய பணியை.

பொதுப்பணி (புதுப்பனை)

அரசு துறை (நிலை) : 134

தாள்: 31.3.1997

பலக்கலம்:

1. மேலாண்மை இயக்குநர், அப்போட் தேர்வுக் கமிட்டி என். 1026/96 தாள்: 2.9.1996.
2. தலைமைப்பொறியாளர், நீர்வள ஆதார அமைப்பு, சென்னை மண்டலம், கிருஷ்ணா ஓட்டை வழங்கல்வரை கமிட்டி என். பி.பி. 1/5250/96, தாள்: 24.12.1996.

பாரிவை 1ல் கட்ட கமிட்டியில் அப்போட், மேலாண்மை இயக்குநர் இருக்காட்டுக்கோட்டை அப்போட் தொழில் வளாகத்திற்கு, அங்கு அமையவுள்ள - உருட்டாய் காரி தொழிற்சாலைக்கு தேவையான 1.1 மில்லியட் கன அட தண்ணீர் உட்பட மொத்தம் சுமார் 10 மில்லியட் கன அட தண்ணீர் தேவை என்பது கேட்டுக் கொண்டுள்ளது.

2. பாரிவை 2ல் கட்ட கமிட்டியில் தலைமைப்பொறியாளர் நீர் வள ஆதார அமைப்பு சென்னை மண்டலம் கிருஷ்ணா ஓட்டை வழங்கல் திட்டம், கட்டிட காலக்காலில் செம்பரம்பாக்கம் ஏரியில் உள்ள நீர் நிலை ஒரே சீராகவும், 1992ம் ஆண்டு 485 மில்லியட் கன அடியாகவும் 1980ம் ஆண்டு 711 மில்லியட் கன அடியாகவும் 1996ம் ஆண்டு 2401 மில்லியட் கன அடியாகவும் இருந்ததென, குறிப்பிட்டுள்ளார். மேலும் பதிவு செய்யப் பட்டுள்ள 13,223 ஏக்கர் சுயக்கட்டுகளில் தற்போது விவசாயம் செய்யப்பட்டு வரும் 9800 ஏக்கர் நிலங்களுக்கு நீர்ப்பாசனம் செய்துக் கொடுக்கும் என்ற நிலை உள்ளது என்பது குறிப்பிட்டுள்ளார். மேலும் இத்தொகு சென்னை மாநகருக்கு ஓட்டை நீர் வசதியும் செம்பரம்பாக்கம் ஏரியிலிருந்து வழங்க வேண்டியிருப்பதால் நீர் இருப்பை கருத்தில் கொண்டு தாள் தண்ணீர் வழங்க வேண்டும் என்ற குறிப்பிட்டுள்ளார்.

3. தலைமைப்பொறியாளர் (சென்னை மண்டலம் மறிப்பு கிருஷ்ணா ஓட்டை வழங்கல் திட்டம்) டி கமிட்டியைக் கருத்திற் கொண்டு அப்போட் தொழில் வளாகத்திற்குச் செயற்குறிப்பை அரசு பரிசீலித்தது.

செம்பரம்பாக்கம் ஏரியில் நீர் இருப்பிற்கான, பதிவு செய்யப் பட்ட சுயக்கட்டு பகுதிகளுக்கான தேவையான தண்ணீர் மறிப்பு சென்னை நகருக்கு ஓட்டைக்குத் தேவையான ஓட்டை பூரித்த செய்த படி செம்பரம்பாக்கம்



/தலைவர்/

புதுப்பனை அமைப்புகள் பற்றி
கிராம வளத்துறை.

21/4

SS

21/4

Madam,
Secty
Chairman

ARE.

Pl. Send a copy of this to
SIPWT. GM (Tirunelveli)
for information.

21/4

ஏற்பட்டிருந்த தாள் ஒட்டிக்கு 5 பக்கங்கள் என ஒரு அங்குலம் தொழில்
வளாகத்திற்கு வழங்குவதற்கு அரசு உடனடியாக உத்தரவு. மேற்கண்ட வளாகத்தின்
நிறுவனத்திற்கு, அங்குலம் தொழில் வளாகத்திற்கு பொதுப்பணித்துறையின் புதிய
நிபந்தனைகளுக்கு உட்பட்டு ஒப்பந்தத்தில் கையொப்பமிட்ட பின்னர் தீர்
வழங்க வேண்டும் என உத்தரவுமொழியுள்ளது. சென்னை மண்டலம். மற்றும்
சிஞ்சுதா குடிநீர் வழங்கல் திட்டம் அங்கீகரிக்கப்படுகிறது.

(ஆளுநர் துணைப்படி)

செ.பி. குப்பா,
அரசின் செயலர்.

பெருநர்:

தலைமைப்பொதுவாளர்,
நீர்வள ஆதார துணைப்பு, சென்னை.5.

தலைமைப்பொதுவாளர்,
நீர்வள ஆதார துணைப்பு,
சென்னை மண்டலம் மற்றும் சிஞ்சுதா குடிநீர்
மற்றும் வழங்கல் துறை,
✓மேலாண்மையுடைய துறை,
தமிழ்நாடு தொழில் வளர்ச்சி துறை,
19 ஏ. குடியேற்ற வட்டாரப் பேரவை,
எலும்புர், சென்னை.8.
தொகுப்பு. துணை மாண்புமிகு.

நகல்:

தொழில்நுறை சென்னை.5
நகராட்சி துறைமுகம் மற்றும் குடிநீர் வழங்கல் துறை,
சென்னை.5.

/ஆளுநர்/அங்கீகரிக்கப்படுகிறது/

பி.சி. குப்பா
பிரதான செயலர் 3/4/97



TAMIL NADU POLLUTION CONTROL BOARD

Category of the Industry :

RED

CONSENT ORDER NO. 2201241526472 DATED: 27/06/2022.

PROCEEDINGS NO.T4/TNPCB/F.2934SPR/RL/SPR/A/2022 DATED: 27/06/2022

SUB: TNPC Board-Consent for Establishment-M/s. SIPCOT VALLAM VADAGAL INDUSTRIAL PARK - II WITH INDUSTRIAL HOUSING FACILITY , S.F. No. SF No. 237 pt, 238, 239pt/1-133, 241pt, 242pt, 243, 247pt, 265, 266, 267, 268pt, 269pt, 270 of Vallam 'A' village; SF No. 271, 272pt, 275pt, 276pt, 277pt, 278, 279pt, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302 of Vallam 'B' Village , Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu., VALLAM A B BLOCK village, Sriperumbudur Taluk and 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. Unit's application no. 41526472 dated: 14.02.2022
 2. IR.No : F.2934SPR/RL/AEE/SPR/2022 dated 01/06/2022
 3. Minutes of the 199th TSC meeting vide item No. 199-07 dated:22.06.2022.

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 Managing Director,

M/s . SIPCOT VALLAM VADAGAL INDUSTRIAL PARK - II WITH INDUSTRIAL HOUSING FACILITY

S.F No.SF No. 237 pt, 238, 239pt/1-133, 241pt, 242pt, 243, 247pt, 265, 266, 267, 268pt, 269pt, 270 of Vallam 'A' village; SF No. 271, 272pt, 275pt, 276pt, 277pt, 278, 279pt, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302 of Vallam 'B' Village , Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu.,

VALLAM A B BLOCK Village,

Sriperumbudur Taluk,

Kancheepuram District.

Authorizing occupier to establish or take steps to establish the industry in the site mentioned below:

S.F No. SF No. 237 pt, 238, 239pt/1-133, 241pt, 242pt, 243, 247pt, 265, 266, 267, 268pt, 269pt, 270 of Vallam 'A' village; SF No. 271, 272pt, 275pt, 276pt, 277pt, 278, 279pt, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302 of Vallam 'B' Village , Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu.,

VALLAM A B BLOCK Village,

Sriperumbudur Taluk,

Kancheepuram District.

This Consent to establish is valid upto **February 01, 2029**, 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.

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

To
The Managing Director,
M/s.SIPCOT VALLAM VADAGAL INDUSTRIAL PARK - II WITH INDUSTRIAL HOUSING FACILITY,
State Industries Promotion Corporation of Tamilnadu Limited, 19-A, Rukmani Lakshmipathy Road, Egmore, Chennai,Kancheepuram
District
Pin: 600008

Copy to:

- 1.The Executive Officer, SRIPERUMBUDUR-Town Panchayat, Sriperumbudur Taluk, Kancheepuram District .
 - 2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, SRIPERUMBUDUR.
 - 3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Chennai.
 - 4. File
-

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.

Sl. No.	Description	Quantity	Unit
Product Details			
1.	Development of Vallam Vadagal Industrial Park - II including Industrial Housing Facility for the employees of Vallam Vadagal IP II is 131.73 Hectares (325.36 acres) Exclusively for industries which does not require EC neither A nor B category and construction of Industrial Housing Facility with built up area 2,07,736.10 sq. m. comprising of 3120 units by SIPCOT	0	0

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.

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 Nm3/hr
II	Fugitive/Noise emission :			
Sl. No.	Fugitive or Noise Emission sources	Type of emission	Control measures	

3. **Special Additional Conditions:**
- i. The unit shall install the approved retrofit emission control device/equipment with at least 70% Particulate matter reduction efficiency on all DG sets with capacity of 125 KVA and above or otherwise the unit shall be shift to gas based generators within the time frame prescribed in the notification No. TNPCB/Labs/DD(L)02151/2019 dated 10.06.2020 issued by TNPCB.
- ii. 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.
4. **Additional Conditions:**

1. The SIPCOT shall obtain fresh EC if there is any change in its Scope/proposal with respect to water consumption, generation of sewage, Trade Effluent, Activities planned such as Housing facility for employees, etc.
2. The SIPCOT shall ensure that the Native trees are planted for development of green belt in 33% of the allotted area of SIPCOT and also by individual industries
3. The unit shall comply with the conditions as stipulated in the Environmental Clearance obtained from SEIAA vide SEIAATN/F-7316/EC/8(b)/797/2022 dated 02.02.2022.
4. The issue of CTE to the project shall not be construed as CTO and shall not commission the project without obtaining CTO from the Board.
5. The unit shall start its establishment activities only after getting the necessary project/building approvals from the competent authorities.
6. In accordance with Item No.9 of the EIA Notification, 2006, the unit shall possess valid EC while applying for CTE/ CTO of the Board.
7. 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.
8. This consent order does not absolve from obtaining necessary permission / Clearance from other Authority or under other statutes as applicable.
9. The unit shall obtain and furnish the approved planning permission from the Competent Authority while applying for CTO of the Board.
10. The unit shall ensure that no process emission is let out from its activity.
11. The unit shall conduct Ambient Noise level survey report and Ambient Air Quality survey report for base line data to assess the quality of Ambient Air and Ambient Noise level and submit the report within one month's time.
12. The SIPCOT shall ensure that the allotted units are mandated that all the member industries to develop green belt in 33% of their allotted area.
13. The SIPCOT shall earmark the buffer zone all around the periphery of the layout.
14. The SIPCOT shall allow only housing the industries that do not attract the provisions of EIA notification 2006 as amended in the industrial park as per the EC obtained.
15. The SIPCOT shall allow only the employees of Industrial park to accommodate the housing facilities as per the EC obtained.
16. The SIPCOT shall properly develop the common amenities like road, Storm water drain, street lights, water supply pipelines and avenue plantation in OSR area
17. The unit shall ensure that the allotted industrial units obtain consent from the TNPCB separately for their establishment & operation in this industrial estate.
18. The SIPCOT shall ensure that the allotted units are mandated to implement own sewage treatment system for treating and disposing the sewage and shall ensure that no treated / untreated sewage shall gain access outside the unit premises on land / water source under any circumstances.
19. The unit shall allot minimum 5 plots of the total plot area (7.02 acres) for Solid Waste Management.
20. The unit shall remit consent fee in case of revision by the Government.

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

GENERAL CONDITIONS

1. This 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.

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

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



TAMIL NADU POLLUTION CONTROL BOARD

Category of the Industry :

RED

CONSENT ORDER NO. 2201141526472 DATED: 27/06/2022.

PROCEEDINGS NO.T4/TNPCB/F.2934SPR/RL//SPR/W/2022 DATED: 27/06/2022

SUB: TNPC Board-Consent for Establishment-M/S SIPCOT VALLAM VADAGAL INDUSTRIAL PARK - II WITH INDUSTRIAL HOUSING FACILITY S.F No. SF No. 237 pt, 238, 239pt/1-133, 241pt, 242pt, 243, 247pt, 265, 266, 267, 268pt, 269pt, 270 of Vallam 'A' village; SF No. 271, 272pt, 275pt, 276pt, 277pt, 278, 279pt, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302 of Vallam 'B' Village , Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu., VALLAM A B BLOCK Village, Sriperumbudur 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 6 of 1974)- Issued- Reg.

REF: 1. Unit's application no. 41526472 dated: 14.02.2022
2. IR.No : F.2934SPR/RL/AEE/SPR/2022 dated 01/06/2022
3. Minutes of the 199th TSC meeting vide item No. 199-07 dated: 22.06.2022.

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 (Central Act 6 of 1974) (hereinafter referred to as 'The Act') and the Rules and Orders made there under to

The Managing Director,

SIPCOT VALLAM VADAGAL INDUSTRIAL PARK - II WITH INDUSTRIAL HOUSING FACILITY

Authorizing occupier to establish or take steps to establish the industry in the site mentioned below:

S.F. No. SF No. 237 pt, 238, 239pt/1-133, 241pt, 242pt, 243, 247pt, 265, 266, 267, 268pt, 269pt, 270 of Vallam 'A' village; SF No. 271, 272pt, 275pt, 276pt, 277pt, 278, 279pt, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302 of Vallam 'B' Village , Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu.,

VALLAM A B BLOCK Village,

Sriperumbudur Taluk,

Kancheepuram District.

This Consent to establish is valid upto **February 01, 2029**, 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.

For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

To

The Managing Director,

M/s.SIPCOT VALLAM VADAGAL INDUSTRIAL PARK - II WITH INDUSTRIAL HOUSING FACILITY,

State Industries Promotion Corporation of Tamilnadu Limited, 19-A, Rukmani Lakshmi pathy Road, Egmore, Chennai,

Pin: 600008

Copy to:

- 1.The Executive Officer, SRIPERUMBUDUR-Town Panchayat, Sriperumbudur Taluk, Kancheepuram District .
- 2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, SRIPERUMBUDUR.
- 3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Chennai.
- 4. File

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.

Sl. No.	Description	Quantity	Unit
Product Details			
1.	Development of Vallam Vadagal Industrial Park - II including Industrial Housing Facility for the employees of Vallam Vadagal IP II is 131.73 Hectares (325.36 acres) Exclusively for industries which does not require EC neither A nor B category and construction of Industrial Housing Facility with built up area 2,07,736.10 sq. m. comprising of 3120 units by SIPCOT	0	0

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

a		Sewage Treatment Plant:	
Treatment status: Septic Tank and SP/DT			
SL. No.	Name of the Treatment Unit	No. of Units	Dimensions in metres
1.	Septic Tank	1	4.2 x 2.3 x 1.9
2.	Soak Pit	1	1.0 m dia x 2.5 m Ht
b		Effluent Treatment Plant:	
Treatment status: No trade effluent and hence does not arise			
SL. No.	Name of the Treatment Unit	No. of Units	Dimensions in metres
1.			

3. 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 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	0.85	On Industrys own land
Effluent Type : Trade Effluent			

4. **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.
5. **Additional Conditions:**

1. The SIPCOT shall obtain fresh EC if there is any change in its Scope/proposal with respect to water consumption, generation of sewage, Trade Effluent, Activities planned such as Housing facility for employees, etc.
2. The SIPCOT shall ensure that the Native trees are planted for development of green belt in 33% of the allotted area of SIPCOT and also by individual industries
3. The unit shall comply with the conditions as stipulated in the Environmental Clearance obtained from SEIAA vide SEIAATN/F-7316/EC/8(b)/797/2022 dated 02.02.2022.
4. The issue of CTE to the project shall not be construed as CTO and shall not commission the project without obtaining CTO from the Board.
5. The unit shall start its establishment activities only after getting the necessary project/building approvals from the competent authorities.
6. In accordance with Item No.9 of the EIA Notification, 2006, the unit shall possess valid EC while applying for CTE/ CTO of the Board.
7. 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.
8. This consent order does not absolve from obtaining necessary permission / Clearance from other Authority or under other statutes as applicable.
9. The unit shall obtain and furnish the approved planning permission from the Competent Authority while applying for CTO of the Board.
10. The unit shall obtain and furnish permission for supply of fresh water from the competent authority while applying for CTO of the Board.
11. The stability of the entire building does not falls under the purview of the TNPCB Board.
12. The unit shall submit baseline data for ground water to assess the quality of ground water for 1 KM radius outside the boundary of the project and also inside available open wells within a month's time.
13. The unit has to ensure that all the member Industries within the industrial Park shall make their own arrangements to achieve zero discharge of the trade effluents, solid waste & E waste management, gaseous emission and noise control measures to achieve the standards prescribed by the TNPCB.
14. The SIPCOT shall earmark the buffer zone all around the periphery of the layout.
15. The SIPCOT shall allow only housing the industries that do not attract the provisions of EIA notification 2006 as amended in the industrial park as per the EC obtained.
16. The SIPCOT shall allow only the employees of Industrial park to accommodate the housing facilities as per the EC obtained.
17. The SIPCOT shall properly develop the common amenities like road, Storm water drain, street lights, water supply pipelines and avenue plantation in OSR area
18. The SIPCOT shall ensure that all the allotted industries shall implement ZLD system for treating the trade effluent and shall ensure that no treated / untreated sewage or trade effluent shall not gain access outside the unit premises on land/water sources under any circumstance as these proposed park falls under the catchment area of nearby eri's.
19. The SIPCOT shall provide a common solid waste treatment and disposal facility for the disposal of solid wastes (bio degradable wastes) to be generated from the industries.
20. The unit shall provide septic tank followed by soak pit to treat the sewage generated from the unit, so as to achieve the standards prescribed by the Board.
21. The unit shall ensure that the allotted industrial units obtain consent from the TNPCB separately for their establishment & operation in this industrial estate.
22. The SIPCOT shall ensure that the allotted units are mandated to implement own sewage treatment system for treating and disposing the sewage and shall ensure that no treated / untreated sewage shall gain access outside the unit premises on land / water source under any circumstances.
23. The unit shall allot minimum 5 plots of the total plot area (7.02 acres) for Solid Waste Management.
24. The SIPCOT shall ensure that the allotted units not dig any well or bore well inside their premises for drawing of ground water.
25. The SIPCOT shall ensure that the allotted units are mandated that the water courses/pathai leading to the Water bodies located in the surroundings will not be disturbed and in this regard a condition shall be imposed in the allotment order to the member units.
26. The proponent shall provide Rain Water Harvesting pits so as to recharge the ground water table.
27. The bio degradable solid waste, non bio degradable solid waste, STP sludge, etc generated from the project activity shall be properly collected, segregated and disposed as per the provision of Solid waste(Management and Handling) Rules,2016.
28. The plastic wastes shall be segregated and disposed as per the provisions of Plastic Waste (Management and Handling) Rules, 2016.
29. The unit shall adopt safe and environment friendly management practices within the premises.
30. The unit shall provide solar powered lights for illumination of common areas, lighting for gardens and street lighting.
31. The unit shall ensure that the actual occupying units obtain consent from the TNPCB separately for their establishment & operation and should have valid consent of the Board for their activity.
32. The unit shall comply with the E- waste Management Rules, 2016. E-waste as listed in Schedule – I generated by them 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.
33. The unit shall remit consent fee in case of revision by the Government.

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

GENERAL CONDITIONS

1. This 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.

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

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



LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

No.80, 7th Cross Street, Santhosh Nagar, Puthagaram,
Teachers Colony, Kolathur, Chennai 600 099.
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www.lotusenviro.in ☎ +91 44 43539680



(Accredited by NABL, Recognized by MoEF, ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018 Certified Organization)

TEST REPORT

Job No. 533/25-26 ULR No. TC151312600000607F Report Date 20.02.2026

Sample Description	: Ambient Air Quality	
Customer Name	: M/s.SIPCOT Limited,	
Customer Address	: Vallam Vadagal-II	
Sample Drawn by	: LES	
Date of Monitoring	: 11.02.2026 & 12.02.2026	Sampling Method : LES/EN/GEN/SOP/002
Location :Project Area		Temperature :33.0°C
Sample Code	: LES2602052	Humidity :70%
Sample Received On	:13.02.2026	Report Number :LES0607
Test Commenced On	:13.02.2026	Test Completed On :20.02.2026

S.No	Description	Method of Reference	Units	Results	*Max Limits (CPCB)
1.	Particulate Matter PM 2.5	IS:5182 (Part-24)2019	µg/m ³	22.2	60 (24 Hours) 40 (Annual)
2.	Particulate Matter PM 10	IS:5182 (Part-23)2006	µg/m ³	95.1	100 (24 Hours) 60 (Annual)
3.	Sulphur Dioxide as SO ₂	IS:5182 (Part-2) Sec 1:2023	µg/m ³	16.0	80 (24 Hours) 50 (Annual)
4.	Nitrogen Dioxide as NOX	IS:5182 (Part-6)2006	µg/m ³	14.2	80 (24 Hours) 40 (Annual)
5.	Carbon Monoxide as CO	IS:5182 (Part-10)1999	mg/m ³	BLQ (LOQ:1.15)	02 (8 Hours) 04 (1 Hour)
6.	Ammonia as NH ₃	IS:5182 (Part-25)2018	µg/m ³	BLQ (LOQ :20.0)	400 (24 Hours) 100 (Annual)
7.	Ozone as O ₃	IS:5182 (Part-9)1974	µg/m ³	BLQ (LOQ :20.0)	180 (1 Hour) 100 (8 Hours)
8.	Lead as Pb	IS:5182 (Part-22)2004	µg/m ³	BLQ (LOQ :0.001)	1.0 (24 Hours) 0.5 (Annual)
9.	Arsenic as As	AES/INS/AAS/SOP/004	ng/m ³	BLQ (LOQ:0.1)	06 (Annual)
10.	Nickel as Ni	IS:5182 (Part-26)2020	ng/m ³	BLQ (LOQ:5.0)	20 (Annual)
11.	Benzo (a) Pyrene Bap	IS:5182 (Part-12)2004	ng/m ³	BLQ (LOQ :0.02)	01 (Annual)
12.	Benzene as C ₆ H ₆	IS:5182 (Part-11)2006	µg/m ³	BLQ (LOQ :0.5)	05 (Annual)
13.	Total Volatile Organic Compounds	USEPA 21:2017	µg/m ³	BLQ (LOQ:0.5)	---

*National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, The 18th November, 2009 - Industrial, Residential, Rural and Other Area.

For LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

Verified by

Note: BLQ – Below Limit of Quantification
LOQ – Limit of Quantification



End of Report
1 of 1

Authorized Signatory

U.ANBARASAN
Quality Manager

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TEST REPORT

Job No. 533/25-26 ULR No. TC151312600000608F Report Date 20.02.2026

Sample Description	: Ambient Air Quality	
Customer Name	: M/s.SIPCOT Limited,	
Customer Address	: Vallam Vadagal-II	
Sample Drawn by	: LES	
Date of Monitoring	: 10.02.2026 & 11.02.2026	Sampling Method : LES/EN/GEN/SOP/002
Location :Kunnam		Temperature :32.0°C
Sample Code	: LES2602053	Humidity :70%
Sample Received On	:13.02.2026	Report Number :LES0608
Test Commenced On	:13.02.2026	Test Completed On :20.02.2026

S.No	Description	Method of Reference	Units	Results	*Max Limits (CPCB)
1.	Particulate Matter PM 2.5	IS:5182 (Part-24)2019	µg/m³	20.5	60 (24 Hours) 40 (Annual)
2.	Particulate Matter PM 10	IS:5182 (Part-23)2006	µg/m³	85.0	100 (24 Hours) 60 (Annual)
3.	Sulphur Dioxide as SO ₂	IS:5182 (Part-2) Sec 1:2023	µg/m³	13.1	80 (24 Hours) 50 (Annual)
4.	Nitrogen Dioxide as NOX	IS:5182 (Part-6)2006	µg/m³	14.4	80 (24 Hours) 40 (Annual)
5.	Carbon Monoxide as CO	IS:5182 (Part-10)1999	mg/m³	BLQ (LOQ:1.15)	02 (8 Hours) 04 (1 Hour)
6.	Ammonia as NH ₃	IS:5182 (Part-25)2018	µg/m³	BLQ (LOQ :20.0)	400 (24 Hours) 100 (Annual)
7.	Ozone as O ₃	IS:5182 (Part-9)1974	µg/m³	BLQ (LOQ :20.0)	180 (1 Hour) 100 (8 Hours)
8.	Lead as Pb	IS:5182 (Part-22)2004	µg/m³	BLQ (LOQ :0.001)	1.0 (24 Hours) 0.5 (Annual)
9.	Arsenic as As	AES/INS/AAS/SOP/004	ng/m³	BLQ (LOQ:0.1)	06 (Annual)
10.	Nickel as Ni	IS:5182 (Part-26)2020	ng/m³	BLQ (LOQ:5.0)	20 (Annual)
11.	Benzo (a) Pyrene Bap	IS:5182 (Part-12)2004	ng/m³	BLQ (LOQ :0.02)	01 (Annual)
12.	Benzene as C ₆ H ₆	IS:5182 (Part-11)2006	µg/m³	BLQ (LOQ :0.5)	05 (Annual)
13.	Total Volatile Organic Compounds	USEPA 21:2017	µg/m³	BLQ (LOQ:0.5)	---

*National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, The 18th November, 2009 - Industrial, Residential, Rural and Other Area.

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Note: BLQ – Below Limit of Quantification
LOQ – Limit of Quantification

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TEST REPORT

Job No. 533/25-26 ULR No. TC1513126000000609F Report Date 20.02.2026

Sample Description	: Ambient Air Quality	
Customer Name	: M/s.SIPCOT Limited,	
Customer Address	: Vallam Vadagal-II	
Sample Drawn by	: LES	
Date of Monitoring	: 11.02.2026 & 12.02.2026	Sampling Method : LES/EN/GEN/SOP/002
Location :Mathur		Temperature :33.0°C
Sample Code	: LES2602054	Humidity :67%
Sample Received On	:13.02.2026	Report Number :LES0609
Test Commenced On	:13.02.2026	Test Completed On :20.02.2026

S.No	Description	Method of Reference	Units	Results	*Max Limits (CPCB)
1.	Particulate Matter PM 2.5	IS:5182 (Part-24)2019	µg/m ³	20.9	60 (24 Hours) 40 (Annual)
2.	Particulate Matter PM 10	IS:5182 (Part-23)2006	µg/m ³	87.4	100 (24 Hours) 60 (Annual)
3.	Sulphur Dioxide as SO ₂	IS:5182 (Part-2) Sec 1:2023	µg/m ³	14.4	80 (24 Hours) 50 (Annual)
4.	Nitrogen Dioxide as NOX	IS:5182 (Part-6)2006	µg/m ³	13.1	80 (24 Hours) 40 (Annual)
5.	Carbon Monoxide as CO	IS:5182 (Part-10)1999	mg/m ³	BLQ (LOQ:1.15)	02 (8 Hours) 04 (1 Hour)
6.	Ammonia as NH ₃	IS:5182 (Part-25)2018	µg/m ³	BLQ (LOQ :20.0)	400 (24 Hours) 100 (Annual)
7.	Ozone as O ₃	IS:5182 (Part-9)1974	µg/m ³	BLQ (LOQ :20.0)	180 (1 Hour) 100 (8 Hours)
8.	Lead as Pb	IS:5182 (Part-22)2004	µg/m ³	BLQ (LOQ :0.001)	1.0 (24 Hours) 0.5 (Annual)
9.	Arsenic as As	AES/INS/AAS/SOP/004	ng/m ³	BLQ (LOQ:0.1)	06 (Annual)
10.	Nickel as Ni	IS:5182 (Part-26)2020	ng/m ³	BLQ (LOQ:5.0)	20 (Annual)
11.	Benzo (a) Pyrene Bap	IS:5182 (Part-12)2004	ng/m ³	BLQ (LOQ :0.02)	01 (Annual)
12.	Benzene as C ₆ H ₆	IS:5182 (Part-11)2006	µg/m ³	BLQ (LOQ :0.5)	05 (Annual)
13.	Total Volatile Organic Compounds	USEPA 21:2017	µg/m ³	BLQ (LOQ:0.5)	—

*National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, The 18th November, 2009 - Industrial, Residential, Rural and Other Area.

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TEST REPORT

Job No. 533/25-26 ULR No. TC1513126000000610F Report Date 20.02.2026

Sample Description	: Ambient Air Quality	
Customer Name	: M/s.SIPCOT Limited,	
Customer Address	: Vallam Vadagal-II	
Sample Drawn by	: LES	
Date of Monitoring	: 10.02.2026 & 11.02.2026	Sampling Method : LES/EN/GEN/SOP/002
Location :Vallakottai		Temperature :34.0°C
Sample Code	: LES2602055	Humidity :69%
Sample Received On	:13.02.2026	Report Number :LES0610
Test Commenced On	:13.02.2026	Test Completed On :20.02.2026

S.No	Description	Method of Reference	Units	Results	*Max Limits (CPCB)
1.	Particulate Matter PM 2.5	IS:5182 (Part-24)2019	µg/m ³	21.8	60 (24 Hours) 40 (Annual)
2.	Particulate Matter PM 10	IS:5182 (Part-23)2006	µg/m ³	87.3	100 (24 Hours) 60 (Annual)
3.	Sulphur Dioxide as SO ₂	IS:5182 (Part-2) Sec 1:2023	µg/m ³	13.2	80 (24 Hours) 50 (Annual)
4.	Nitrogen Dioxide as NOX	IS:5182 (Part-6)2006	µg/m ³	14.8	80 (24 Hours) 40 (Annual)
5.	Carbon Monoxide as CO	IS:5182 (Part-10)1999	mg/m ³	BLQ (LOQ:1.15)	02 (8 Hours) 04 (1 Hour)
6.	Ammonia as NH ₃	IS:5182 (Part-25)2018	µg/m ³	BLQ (LOQ :20.0)	400 (24 Hours) 100 (Annual)
7.	Ozone as O ₃	IS:5182 (Part-9)1974	µg/m ³	BLQ (LOQ :20.0)	180 (1 Hour) 100 (8 Hours)
8.	Lead as Pb	IS:5182 (Part-22)2004	µg/m ³	BLQ (LOQ :0.001)	1.0 (24 Hours) 0.5 (Annual)
9.	Arsenic as As	AES/INS/AAS/SOP/004	ng/m ³	BLQ (LOQ:0.1)	06 (Annual)
10.	Nickel as Ni	IS:5182 (Part-26)2020	ng/m ³	BLQ (LOQ:5.0)	20 (Annual)
11.	Benzo (a) Pyrene Bap	IS:5182 (Part-12)2004	ng/m ³	BLQ (LOQ :0.02)	01 (Annual)
12.	Benzene as C ₆ H ₆	IS:5182 (Part-11)2006	µg/m ³	BLQ (LOQ :0.5)	05 (Annual)
13.	Total Volatile Organic Compounds	USEPA 21:2017	µg/m ³	BLQ (LOQ:0.5)	---

*National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, The 18th November, 2009 - Industrial, Residential, Rural and Other Area.

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TEST REPORT

Job No. 533/25-26 ULR No. TC1513126000000611F Report Date 20.02.2026

Sample Description	: Ambient Air Quality	
Customer Name	: M/s.SIPCOT Limited,	
Customer Address	: Vallam Vadagal-II	
Sample Drawn by	: LES	
Date of Monitoring	: 09.02.2026 & 10.02.2026	Sampling Method : LES/EN/GEN/SOP/002
Location : Echoor		Temperature : 30.0°C
Sample Code	: LES2602056	Humidity : 69%
Sample Received On	: 13.02.2026	Report Number : LES0611
Test Commenced On	: 13.02.2026	Test Completed On : 20.02.2026

S.No	Description	Method of Reference	Units	Results	*Max Limits (CPCB)
1.	Particulate Matter PM 2.5	IS:5182 (Part-24)2019	µg/m³	21.5	60 (24 Hours) 40 (Annual)
2.	Particulate Matter PM 10	IS:5182 (Part-23)2006	µg/m³	88.8	100 (24 Hours) 60 (Annual)
3.	Sulphur Dioxide as SO ₂	IS:5182 (Part-2) Sec 1:2023	µg/m³	14.6	80 (24 Hours) 50 (Annual)
4.	Nitrogen Dioxide as NO _x	IS:5182 (Part-6)2006	µg/m³	13.0	80 (24 Hours) 40 (Annual)
5.	Carbon Monoxide as CO	IS:5182 (Part-10)1999	mg/m³	BLQ (LOQ:1.15)	02 (8 Hours) 04 (1 Hour)
6.	Ammonia as NH ₃	IS:5182 (Part-25)2018	µg/m³	BLQ (LOQ :20.0)	400 (24 Hours) 100 (Annual)
7.	Ozone as O ₃	IS:5182 (Part-9)1974	µg/m³	BLQ (LOQ :20.0)	180 (1 Hour) 100 (8 Hours)
8.	Lead as Pb	IS:5182 (Part-22)2004	µg/m³	BLQ (LOQ :0.001)	1.0 (24 Hours) 0.5 (Annual)
9.	Arsenic as As	AES/INS/AAS/SOP/004	ng/m³	BLQ (LOQ:0.1)	06 (Annual)
10.	Nickel as Ni	IS:5182 (Part-26)2020	ng/m³	BLQ (LOQ:5.0)	20 (Annual)
11.	Benzo (a) Pyrene Bap	IS:5182 (Part-12)2004	ng/m³	BLQ (LOQ :0.02)	01 (Annual)
12.	Benzene as C ₆ H ₆	IS:5182 (Part-11)2006	µg/m³	BLQ (LOQ :0.5)	05 (Annual)
13.	Total Volatile Organic Compounds	USEPA 21:2017	µg/m³	BLQ (LOQ:0.5)	---

*National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, The 18th November, 2009 - Industrial, Residential, Rural and Other Area.

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TEST REPORT

Job No. 533/25-26 ULR No. TC1513126000000612F Report Date 20.02.2026

Sample Description : Ambient Noise Levels
Customer Name : M/s.SIPCOT Limited,
Customer Address : Vallam Vadagal-II
Sample Drawn by : LES
Date of Monitoring : 11.02.2026 & 12.02.2026
Sample Code : LES2602057
Test Commenced On : 13.02.2026
Report Number : LES0612

Sampling Method : LES/EN/GEN/SOP/006
Test Method : IS: 9989-1981
Sample Received On : 13.02.2026
Test Completed On : 20.02.2026

S.No	Location	Noise Level – Day Time			Noise Level – Night Time		
		Min dB(A)	Max dB(A)	Leq	Min dB(A)	Max dB(A)	Leq
1.	Project Area	44.0	50.0	47.2	35.4	41.6	38.9
2.	Kunnam	45.8	51.1	48.8	35.6	41.6	38.8
3.	Mathur	45.1	53.8	50.2	39.7	40.8	40.3
4.	Vallakottai	45.6	52.1	49.4	37.2	40.0	38.5
5.	Echoor	47.1	57.8	53.2	36.2	40.8	38.8
LIMITS – INDUSTRIAL AREA		Day Time - Max		75 dB(A)	Night Time - Max		70 dB(A)
LIMITS – RESIDENTIAL AREA		Day Time - Max		55 dB(A)	Night Time - Max		45 dB(A)

* As Per TNPCB & You -2025, Ambient Air Quality Standards In Respect of Noise.

For LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

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Note: Day Time Shall Meant From 6.00AM to 10.00Pm, Night Time Shall Meant From 10.00Pm to 6.00AM

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TEST REPORT

Job No.	533/25-26	Report No.	TC1513126000000613F	Report Date	20.02.2026
Sample Description: Ground Water					
Customer Name: M/s.SIPCOT Limited,					
Customer Address: Vallam Vadagal-II					
Sample Drawn by: LES			Sampling Method : LES/EN/GEN/SOP/001		
Sample Name: Ground Water			Qty Sample Received: 5 Ltrs		
Sample Code:LES2602058			Sample Condition : Clear Liquid		
Sampling Date : 12.02.2026			Sample Received On: 13.02.2026		
Test Commenced On: 13.02.2026			Test Completed On: 20.02.2026		
Sampling Location : Project Area			Report Number: LES0613		

S.No	Description	Method of Reference	Units	Results	*Limits (Max)	**Limits (Max)
1.	Color	IS:3025 (Part-4)2021	Hazen	10	5	15
2.	Turbidity	IS:3025 (Part-10)2023	NTU	BLQ (LOQ:0.5)	1	5
3.	Total Dissolved Solids	IS:3025 (Part-16)2023	mg/L	432	500	2000
4.	pH @ 25°C	IS:3025 (Part-11)2022	---	7.61	6.5 to 8.5	6.5 to 8.5
5.	Free Ammonia as NH ₃	IS:3025 (Part-34)1988	mg/L	BLQ (LOQ:0.2)	0.5	0.5
6.	Anionic Detergents as MBAS	APHA 24 th Edition 2023 5540 B,C	mg/L	BLQ (LOQ:0.05)	0.2	1.0
7.	Magnesium as Mg	IS:3025 (Part-46)2023	mg/L	13.1	30	100
8.	Nitrate as NO ₃	APHA 24 th Edition 2023 4500 NO ₃ -B	mg/L	8.3	45	45
9.	Barium as Ba	APHA 24 th Edition 2023 3111 D	mg/L	BLQ (LOQ:0.5)	0.7	0.7
10.	Calcium as Ca	IS:3025 (Part-40)1991	mg/L	58.31	75	200
11.	Iron as Fe	IS:3025 (Part-53)2003	mg/L	BLQ (LOQ:0.05)	1.0	1.0
12.	Manganese as Mn	APHA 24 th Edition 2023 3111 B	mg/L	BLQ (LOQ:0.04)	0.1	0.3
13.	Arsenic as As	APHA 24 th Edition 2023 3114 C	mg/L	BLQ (LOQ:0.002)	0.01	0.05
14.	Mercury as Hg	APHA 24 th Edition 2023 3112 B	mg/L	BLQ (LOQ:0.0005)	0.001	0.001
15.	Copper as Cu	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.03)	0.05	1.5
16.	Zinc as Zn	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.02)	5	15
17.	Selenium as Se	APHA 24 th Edition 2023 3114 - C	mg/L	BLQ (LOQ:0.001)	0.01	0.01
18.	Boron as B	APHA 24 th Edition 2023 4500 B B	mg/L	BLQ (LOQ:0.1)	0.5	1.0
19.	Cyanide as CN	APHA 24 th Edition 4500 CN C,E:2023	mg/L	BLQ (LOQ:0.01)	0.05	0.05

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TEST REPORT

Job No. 533/25-26 Report No. TC1513126000000613F Report Date 20.02.2026

S.No	Description	Method of Reference	Units	Results	*Limits (Max)	**Limits (Max)
20.	Chloride as Cl	IS:3025 (Part-32)1988	mg/L	67.85	250	1000
21.	Fluoride as F	APHA 24 th Edition 2023 4500 F D	mg/L	BLQ (LOQ:0.2)	1.0	1.5
22.	Sulphate as SO ₄	APHA 24 th Edition 2023 4500 SO4 E	mg/L	130	200	400
23.	Phenolic Compound as C ₆ H ₅ OH	IS:3025(Part-43) Sec 1:2022	mg/L	BLQ (LOQ:0.001)	0.001	0.002
24.	Total Alkalinity as CaCO ₃	IS:3025 (Part-23)2023	mg/L	236.67	200	600
25.	Total Hardness as CaCO ₃	IS:3025 (Part-21)2009	mg/L	199.68	200	600
26.	Total Suspended Solids	IS:3025 (Part-17)2022	mg/L	BLQ (LOQ:1.0)	---	---
27.	Sodium as Na	IS:3025 (Part-45)1993	mg/L	53.57	---	---
28.	Potassium as K	IS:3025 (Part-45)1993	mg/L	6.75	---	---
29.	Residual Sodium Carbonate	IS:11624-2019	meq/L	0.75	---	---
30.	Hexavalent Chromium as Cr ⁶⁺	IS:3025 (Part-52)2003	mg/L	BLQ (LOQ:0.02)	---	---
31.	Biochemical Oxygen Demand (3 days incubation @27°C)	IS:3025 (Part-44)2023	mg/L	BLQ (LOQ:2.0)	---	---
32.	Chemical Oxygen Demand	IS:3025 (Part-58)2023	mg/L	BLQ (LOQ:4.0)	---	---
33.	Carbonate Alkalinity	APHA 24 th Edition 2320 B :2023	mg/L	BLQ (LOQ:2.0)	---	---
34.	Bicarbonate Alkalinity	APHA 24 th Edition 2320 B :2023	mg/L	236.67	---	---
35.	Electrical Conductivity @25°C	IS:3025 (Part-14)2013	µs/cm	675	---	---
36.	Percent Sodium	AES/EN/WAT/SOP/001	%	35.89	---	---
37.	Total Phosphorous as P	IS:3025(Part-31) Sec 1:2022	mg/L	BLQ (LOQ:0.1)	---	---
38.	Sodium adsorption Ratio	IS:11624:2019	meq/L	0.2	---	---
39.	Dissolved Oxygen	IS:3025 (Part - 38) 1989	mg/L	6.4	---	---

*As Per IS 10500 Drinking Water Specification Acceptable Limits

** As Per IS 10500 Drinking Water Specification Permissible Limits

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LOQ – Limit of Quantification



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Quality Manager

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TEST REPORT

Job No. 533/25-26 Report No. TC1513126000000613F Report Date 20.02.2026

Sample Description: Ground Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Vallam Vadagal-II	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Ground Water	Qty Sample Received: 5 Ltrs
Sample Code:LES2602058	Sample Condition : Clear Liquid
Sampling Date : 12.02.2026	Sample Received On: 13.02.2026
Test Commenced On: 13.02.2026	Test Completed On: 20.02.2026
Sampling Location : Project Area	

S.No	Description	Method of Reference	Units	Results	*Limits (Max)	**Limits (Max)
1.	Lead as Pb	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.01)	0.01	0.01
2.	Cadmium as Cd	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.001)	0.003	0.003
3.	Total Chromium as Cr	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.005)	0.05	0.05
4.	Nickel as Ni	APHA 24 th Edition 2023 3111 B	mg/L	BLQ (LOQ:0.01)	0.02	0.02
5.	Phosphate as PO ₄	IS:3025 (Part-31)Sec 1:2022	mg/L	BLQ (LOQ:0.3)	---	---

*As Per IS 10500 Drinking Water Specification Acceptable Limits

** As Per IS 10500 Drinking Water Specification Permissible Limits

For LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

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Note: BLQ – Below Limit of Quantification
LOQ – Limit of Quantification



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TEST REPORT

Job No. 533/25-26 Report No. TC151312600000614F Report Date 20.02.2026

Sample Description: Ground Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Vallam Vadagal-II	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Ground Water	Qty Sample Received: 5 Ltrs
Sample Code:LES2602059	Sample Condition : Clear Liquid
Sampling Date : 12.02.2026	Sample Received On: 13.02.2026
Test Commenced On: 13.02.2026	Test Completed On: 20.02.2026
Sampling Location : Mathur	Report Number: LE50614

S.No	Description	Method of Reference	Units	Results	*Limits (Max)	**Limits (Max)
1.	Color	IS:3025 (Part-4)2021	Hazen	10	5	15
2.	Turbidity	IS:3025 (Part-10)2023	NTU	BLQ (LOQ:0.5)	1	5
3.	Total Dissolved Solids	IS:3025 (Part-16)2023	mg/L	650	500	2000
4.	pH @ 25°C	IS:3025 (Part-11)2022	---	6.9	6.5 to 8.5	6.5 to 8.5
5.	Free Ammonia as NH ₃	IS:3025 (Part-34)1988	mg/L	BLQ (LOQ:0.2)	0.5	0.5
6.	Anionic Detergents as MBAS	APHA 24 th Edition 2023 5540 B,C	mg/L	BLQ (LOQ:0.05)	0.2	1.0
7.	Magnesium as Mg	IS:3025 (Part-46)2023	mg/L	17.24	30	100
8.	Nitrate as NO ₃	APHA 24 th Edition 2023 4500 NO ₃ -B	mg/L	6.8	45	45
9.	Barium as Ba	APHA 24 th Edition 2023 3111 D	mg/L	BLQ (LOQ:0.5)	0.7	0.7
10.	Calcium as Ca	IS:3025 (Part-40)1991	mg/L	63.15	75	200
11.	Iron as Fe	IS:3025 (Part-53)2003	mg/L	BLQ (LOQ:0.05)	1.0	1.0
12.	Manganese as Mn	APHA 24 th Edition 2023 3111 B	mg/L	BLQ (LOQ:0.04)	0.1	0.3
13.	Arsenic as As	APHA 24 th Edition 2023 3114 C	mg/L	BLQ (LOQ:0.002)	0.01	0.05
14.	Mercury as Hg	APHA 24 th Edition 2023 3112 B	mg/L	BLQ (LOQ:0.0005)	0.001	0.001
15.	Copper as Cu	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.03)	0.05	1.5
16.	Zinc as Zn	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.02)	5	15
17.	Selenium as Se	APHA 24 th Edition 2023 3114 - C	mg/L	BLQ (LOQ:0.001)	0.01	0.01
18.	Boron as B	APHA 24 th Edition 2023 4500 B B	mg/L	BLQ (LOQ:0.1)	0.5	1.0
19.	Cyanide as CN	APHA 24 th Edition 4500 CN C,E:2023	mg/L	BLQ (LOQ:0.01)	0.05	0.05



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TEST REPORT

Job No. 533/25-26 Report No. TC151312600000614F Report Date 20.02.2026

S.No	Description	Method of Reference	Units	Results	*Limits (Max)	**Limits (Max)
20.	Chloride as Cl	IS:3025 (Part-32)1988	mg/L	118.23	250	1000
21.	Fluoride as F	APHA 24 th Edition 2023 4500 F D	mg/L	BLQ (LOQ:0.2)	1.0	1.5
22.	Sulphate as SO ₄	APHA 24 th Edition 2023 4500 SO ₄ E	mg/L	163	200	400
23.	Phenolic Compound as C ₆ H ₅ OH	IS:3025(Part-43) Sec 1:2022	mg/L	BLQ (LOQ:0.001)	0.001	0.002
24.	Total Alkalinity as CaCO ₃	IS:3025 (Part-23)2023	mg/L	375.83	200	600
25.	Total Hardness as CaCO ₃	IS:3025 (Part-21)2009	mg/L	228.8	200	600
26.	Total Suspended Solids	IS:3025 (Part-17)2022	mg/L	BLQ (LOQ:1.0)	---	---
27.	Sodium as Na	IS:3025 (Part-45)1993	mg/L	96.2	---	---
28.	Potassium as K	IS:3025 (Part-45)1993	mg/L	12.99	---	---
29.	Residual Sodium Carbonate	IS:11624-2019	meq/L	2.95	---	---
30.	Hexavalent Chromium as Cr ⁶⁺	IS:3025 (Part-52)2003	mg/L	BLQ (LOQ:0.02)	---	---
31.	Biochemical Oxygen Demand (3 days incubation @27°C)	IS:3025 (Part-44)2023	mg/L	BLQ (LOQ:2.0)	---	---
32.	Chemical Oxygen Demand	IS:3025 (Part-58)2023	mg/L	BLQ (LOQ:4.0)	---	---
33.	Carbonate Alkalinity	APHA 24 th Edition 2320 B :2023	mg/L	BLQ (LOQ:2.0)	---	---
34.	Bicarbonate Alkalinity	APHA 24 th Edition 2320 B :2023	mg/L	375.83	---	---
35.	Electrical Conductivity @25°C	IS:3025 (Part-14)2013	µs/cm	1015	---	---
36.	Percent Sodium	AES/EN/WAT/SOP/001	%	46.04	---	---
37.	Total Phosphorous as P	IS:3025(Part-31) Sec 1:2022	mg/L	BLQ (LOQ:0.1)	---	---
38.	Sodium adsorption Ratio	IS:11624:2019	meq/L	0.28	---	---
39.	Dissolved Oxygen	IS:3025 (Part - 38) 1989	mg/L	6.1	---	---

*As Per IS 10500 Drinking Water Specification Acceptable Limits

** As Per IS 10500 Drinking Water Specification Permissible Limits

For LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

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Note: BLQ – Below Limit of Quantification
LOQ – Limit of Quantification

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2 of 2

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TEST REPORT

Job No. 533/25-26 Report No. 26000000614 Report Date 20.02.2026

Sample Description: Ground Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Vallam Vadagal-II	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Ground Water	Qty Sample Received: 5 Ltrs
Sample Code:LES2602059	Sample Condition : Clear Liquid
Sampling Date : 12.02.2026	Sample Received On: 13.02.2026
Test Commenced On: 13.02.2026	Test Completed On: 20.02.2026
Sampling Location : Mathur	

S.No	Description	Method of Reference	Units	Results	*Limits (Max)	**Limits (Max)
1.	Lead as Pb	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.01)	0.01	0.01
2.	Cadmium as Cd	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.001)	0.003	0.003
3.	Total Chromium as Cr	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.005)	0.05	0.05
4.	Nickel as Ni	APHA 24 th Edition 2023 3111 B	mg/L	BLQ (LOQ:0.01)	0.02	0.02
5.	Phosphate as PO ₄	IS:3025 (Part-31)Sec 1:2022	mg/L	BLQ (LOQ:0.3)	---	---

*As Per IS 10500 Drinking Water Specification Acceptable Limits

** As Per IS 10500 Drinking Water Specification Permissible Limits

For LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

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LOQ – Limit of Quantification

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TEST REPORT

Job No. 533/25-26 Report No. TC1513126000000615F Report Date 20.02.2026

Sample Description: Ground Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Vallam Vadagal-II	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Ground Water	Qty Sample Received: 5 Ltrs
Sample Code:LE52602060	Sample Condition : Clear Liquid
Sampling Date : 12.02.2026	Sample Received On: 13.02.2026
Test Commenced On: 13.02.2026	Test Completed On: 20.02.2026
Sampling Location : Echoor	Report Number: LES0615

S.No	Description	Method of Reference	Units	Results	*Limits (Max)	**Limits (Max)
1.	Color	IS:3025 (Part-4)2021	Hazen	10	5	15
2.	Turbidity	IS:3025 (Part-10)2023	NTU	BLQ (LOQ:0.5)	1	5
3.	Total Dissolved Solids	IS:3025 (Part-16)2023	mg/L	982	500	2000
4.	pH @ 25°C	IS:3025 (Part-11)2022	---	6.74	6.5 to 8.5	6.5 to 8.5
5.	Free Ammonia as NH ₃	IS:3025 (Part-34)1988	mg/L	BLQ (LOQ:0.2)	0.5	0.5
6.	Anionic Detergents as MBAS	APHA 24 th Edition 2023 5540 B,C	mg/L	BLQ (LOQ:0.05)	0.2	1.0
7.	Magnesium as Mg	IS:3025 (Part-46)2023	mg/L	35.38	30	100
8.	Nitrate as NO ₃	APHA 24 th Edition 2023 4500 NO ₃ -B	mg/L	7.8	45	45
9.	Barium as Ba	APHA 24 th Edition 2023 3111 D	mg/L	BLQ (LOQ:0.5)	0.7	0.7
10.	Calcium as Ca	IS:3025 (Part-40)1991	mg/L	149.76	75	200
11.	Iron as Fe	IS:3025 (Part-53)2003	mg/L	BLQ (LOQ:0.05)	1.0	1.0
12.	Manganese as Mn	APHA 24 th Edition 2023 3111 B	mg/L	BLQ (LOQ:0.04)	0.1	0.3
13.	Arsenic as As	APHA 24 th Edition 2023 3114 C	mg/L	BLQ (LOQ:0.002)	0.01	0.05
14.	Mercury as Hg	APHA 24 th Edition 2023 3112 B	mg/L	BLQ (LOQ:0.0005)	0.001	0.001
15.	Copper as Cu	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.03)	0.05	1.5
16.	Zinc as Zn	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.02)	5	15
17.	Selenium as Se	APHA 24 th Edition 2023 3114 - C	mg/L	BLQ (LOQ:0.001)	0.01	0.01
18.	Boron as B	APHA 24 th Edition 2023 4500 B B	mg/L	BLQ (LOQ:0.1)	0.5	1.0
19.	Cyanide as CN	APHA 24 th Edition 4500 CN C,E:2023	mg/L	BLQ (LOQ:0.01)	0.05	0.05

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TEST REPORT

Job No. 533/25-26 Report No. TC1513126000000615F Report Date 20.02.2026

S.No	Description	Method of Reference	Units	Results	*Limits (Max)	**Limits (Max)
20.	Chloride as Cl	IS:3025 (Part-32)1988	mg/L	483.18	250	1000
21.	Fluoride as F	APHA 24 th Edition 2023 4500 F D	mg/L	BLQ (LOQ:0.2)	1.0	1.5
22.	Sulphate as SO ₄	APHA 24 th Edition 2023 4500 SO4 E	mg/L	48	200	400
23.	Phenolic Compound as C ₆ H ₅ OH	IS:3025(Part-43) Sec 1:2022	mg/L	BLQ (LOQ:0.001)	0.001	0.002
24.	Total Alkalinity as CaCO ₃	IS:3025 (Part-23)2023	mg/L	148	200	600
25.	Total Hardness as CaCO ₃	IS:3025 (Part-21)2009	mg/L	520	200	600
26.	Total Suspended Solids	IS:3025 (Part-17)2022	mg/L	BLQ (LOQ:1.0)	---	---
27.	Sodium as Na	IS:3025 (Part-45)1993	mg/L	137.48	---	---
28.	Potassium as K	IS:3025 (Part-45)1993	mg/L	17.05	---	---
29.	Residual Sodium Carbonate	IS:11624-2019	meq/L	-7.42	---	---
30.	Hexavalent Chromium as Cr ⁶⁺	IS:3025 (Part-52)2003	mg/L	BLQ (LOQ:0.02)	---	---
31.	Biochemical Oxygen Demand (3 days incubation @27°C)	IS:3025 (Part-44)2023	mg/L	BLQ (LOQ:2.0)	---	---
32.	Chemical Oxygen Demand	IS:3025 (Part-58)2023	mg/L	BLQ (LOQ:4.0)	---	---
33.	Carbonate Alkalinity	APHA 24 th Edition 2320 B :2023	mg/L	BLQ (LOQ:2.0)	---	---
34.	Bicarbonate Alkalinity	APHA 24 th Edition 2320 B :2023	mg/L	148	---	---
35.	Electrical Conductivity @25°C	IS:3025 (Part-14)2013	µs/cm	1534	---	---
36.	Percent Sodium	AES/EN/WAT/SOP/001	%	35.59	---	---
37.	Total Phosphorous as P	IS:3025(Part-31) Sec 1:2022	mg/L	BLQ (LOQ:0.1)	---	---
38.	Sodium adsorption Ratio	IS:11624-2019	meq/L	0.07	---	---
39.	Dissolved Oxygen	IS:3025 (Part - 38) 1989	mg/L	6.5	---	---

*As Per IS 10500 Drinking Water Specification Acceptable Limits

** As Per IS 10500 Drinking Water Specification Permissible Limits

For LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

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Note: BLQ – Below Limit of Quantification
LOQ – Limit of Quantification

End of Report
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TEST REPORT

Job No. 533/25-26 Report No. TC1513126000000615F Report Date 20.02.2026

Sample Description: Ground Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Vallam Vadagal-II	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Ground Water	Qty Sample Received: 5 Ltrs
Sample Code:LES2602060	Sample Condition : Clear Liquid
Sampling Date : 12.02.2026	Sample Received On: 13.02.2026
Test Commenced On: 13.02.2026	Test Completed On: 20.02.2026
Sampling Location : Echoor	

S.No	Description	Method of Reference	Units	Results	*Limits (Max)	**Limits (Max)
1.	Lead as Pb	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.01)	0.01	0.01
2.	Cadmium as Cd	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.001)	0.003	0.003
3.	Total Chromium as Cr	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.005)	0.05	0.05
4.	Nickel as Ni	APHA 24 th Edition 2023 3111 B	mg/L	BLQ (LOQ:0.01)	0.02	0.02
5.	Phosphate as PO ₄	IS:3025 (Part-31)Sec 1:2022	mg/L	BLQ (LOQ:0.3)	---	---

*As Per IS 10500 Drinking Water Specification Acceptable Limits

** As Per IS 10500 Drinking Water Specification Permissible Limits

For LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

Verified by

Note: BLQ – Below Limit of Quantification
LOQ – Limit of Quantification



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TEST REPORT

Job No. 533/25-26 ULR No. TC1513126000000616F Report Date 20.02.2026

Sample Description: Surface Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address : Vallam Vadagal-II	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Surface Water	Qty Sample Received: 5 Ltrs
Sample Code: LES2602061	Sample Condition : Slightly Turbid Liquid
Sampling Date : 12.02.2026	Sample Received On: 13.02.2026
Test Commenced On: 13.02.2026	Test Completed On: 20.02.2026
Sampling Location : Thenneri Lake	Report Number: LES0616

S.No	Description	Method of Reference	Units	Results
1.	Color	IS:3025 (Part-4)2021	Hazen	5
2.	Turbidity	IS:3025 (Part-10)2023	NTU	BLQ (LOQ:0.5)
3.	Total Dissolved Solids	IS:3025 (Part-16)2023	mg/L	332.16
4.	pH @ 25°C	IS:3025 (Part-11)2022	---	7.33
5.	Free Ammonia as NH3	IS:3025 (Part-34)1988	mg/L	BLQ (LOQ:0.2)
6.	Magnesium as Mg	IS:3025 (Part-46)2023	mg/L	13.49
7.	Nitrate as NO3	APHA 24th Edition 2023 4500 NO3-B	mg/L	3.32
8.	Barium as Ba	APHA 24th Edition 2023 3111 D	mg/L	BLQ (LOQ:0.5)
9.	Calcium as Ca	IS:3025 (Part-40)1991	mg/L	31.2
10.	Iron as Fe	IS:3025 (Part-53)2003	mg/L	BLQ(LOQ:0.05)
11.	Manganese as Mn	APHA 24th Edition 2023 3111 B	mg/L	BLQ (LOQ:0.04)
12.	Arsenic as As	APHA 24th Edition 2023 3114 C	mg/L	BLQ(LOQ:0.002)
13.	Mercury as Hg	APHA 24th Edition 2023 3112 B	mg/L	BLQ(LOQ:0.0005)
14.	Copper as Cu	APHA 24th Edition 2023 3111 - B	mg/L	BLQ(LOQ:0.03)
15.	Zinc as Zn	APHA 24th Edition 2023 3111 - B	mg/L	BLQ(LOQ:0.02)
16.	Selenium as Se	APHA 24th Edition 2023 3114 - C	mg/L	BLQ(LOQ:0.001)
17.	Boron as B	APHA 24th Edition 2023 4500 B B	mg/L	BLQ(LOQ:0.1)
18.	Chloride as Cl	IS:3025 (Part-32)1988	mg/L	55.51
19.	Fluoride as F	APHA 24th Edition 2023 4500 F D	mg/L	BLQ(LOQ:0.2)

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TEST REPORT

Job No. 533/25-26 ULR No. TC1513126000000616F Report Date 20.02.2026

S.No	Description	Method of Reference	Units	Results
20.	Sulphate as SO_4	APHA 24 th Edition 2023 4500 $\text{SO}_4 \text{ E}$	mg/L	46.5
21.	Phenolic Compound as $\text{C}_6\text{H}_5\text{OH}$	IS:3025(Part-43) Sec 1:2022	mg/L	BLQ(LOQ:0.001)
22.	Total Alkalinity as CaCO_3	IS:3025 (Part-23)2023	mg/L	69.75
23.	Total Hardness as CaCO_3	IS:3025 (Part-21)2009	mg/L	104
24.	Total Suspended Solids	IS:3025 (Part-17)2022	mg/L	BLQ(LOQ:1.0)
25.	Sodium as Na	IS:3025 (Part-45)1993	mg/L	93.0
26.	Potassium as K	IS:3025 (Part-45)1993	mg/L	9.3
27.	Hexavalent Chromium as Cr^{6+}	IS:3025 (Part-52)2003	mg/L	BLQ(LOQ:0.02)
28.	Biochemical Oxygen Demand (3 days incubation @27°C)	IS:3025 (Part-44)2023	mg/L	BLQ(LOQ: 2.0)
29.	Chemical Oxygen Demand	IS:3025 (Part-58)2023	mg/L	BLQ(LOQ:4.0)
30.	Electrical Conductivity @25°C	IS:3025 (Part-14)2013	$\mu\text{S}/\text{cm}$	519
31.	Total Phosphorous as P	IS:3025(Part-31) Sec 1:2022	mg/L	BLQ(LOQ:0.1)
32.	Sodium adsorption Ratio	IS:11624:2019	meq/L	0.91
33.	Dissolved Oxygen	IS:3025 (Part - 38) 1989	mg/L	6.8

For LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

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Note: BLQ – Below Limit of Quantification
LOQ – Limit of Quantification

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Quality Manager

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TEST REPORT

Job No. 533/25-26 Report No. 1513126000000616 Report Date 20.02.2026

Sample Description: Surface Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address : Vallam Vadagal-II	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Surface Water	Qty Sample Received: 5 Ltrs
Sample Code: LES2602061	Sample Condition : Slightly Turbid Liquid
Sampling Date : 12.02.2026	Sample Received On: 13.02.2026
Test Commenced On: 13.02.2026	Test Completed On: 20.02.2026
Sampling Location : Thenneri Lake	

S.No	Description	Method of Reference	Units	Results
1.	Lead as Pb	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.01)
2.	Cadmium as Cd	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.001)
3.	Total Chromium as Cr	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.005)
4.	Nickel as Ni	APHA 24 th Edition 2023 3111 B	mg/L	BLQ (LOQ:0.01)
5.	Phosphate as PO ₄	IS:3025 (Part-31)Sec 1:2022	mg/L	BLQ (LOQ:0.3)
6.	Residual Sodium Carbonate	IS:11624-2019	meq/L	-1.27
7.	Percent Sodium	AES/EN/WAT/SOP/001	%	58.2
8.	Cyanide as CN	APHA 24 th Edition 4500 CN C.E:2023	mg/L	BLQ (LOQ:0.01)
9.	Anionic Detergents as MBAS	APHA 24 th Edition 2023 5540 B,C	mg/L	BLQ (LOQ:0.05)
10.	Carbonate Alkalinity	APHA 24 th Edition 2320 B :2023	mg/L	BLQ(LOQ:2.0)
11.	Bicarbonate Alkalinity	APHA 24 th Edition 2320 B :2023	mg/L	69.75

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TEST REPORT

Job No. 533/25-26 ULR No. TC1513126000000617F Report Date 20.02.2026

Sample Description: Surface Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address : Vallam Vadagal-II	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Surface Water	Qty Sample Received: 5 Ltrs
Sample Code: LES2602062	Sample Condition : Slightly Turbid Liquid
Sampling Date : 12.02.2026	Sample Received On: 13.02.2026
Test Commenced On: 13.02.2026	Test Completed On: 20.02.2026
Sampling Location : Pond Near Vallakottal	Report Number: LES0617

S.No	Description	Method of Reference	Units	Results
1.	Color	IS:3025 (Part-4)2021	Hazen	5
2.	Turbidity	IS:3025 (Part-10)2023	NTU	BLQ (LOQ:0.5)
3.	Total Dissolved Solids	IS:3025 (Part-16)2023	mg/L	382
4.	pH @ 25°C	IS:3025 (Part-11)2022	---	7.65
5.	Free Ammonia as NH ₃	IS:3025 (Part-34)1988	mg/L	BLQ (LOQ:0.2)
6.	Magnesium as Mg	IS:3025 (Part-46)2023	mg/L	13
7.	Nitrate as NO ₃	APHA 24th Edition 2023 4500 NO ₃ -B	mg/L	7.2
8.	Barium as Ba	APHA 24th Edition 2023 3111 D	mg/L	BLQ (LOQ:0.5)
9.	Calcium as Ca	IS:3025 (Part-40)1991	mg/L	42
10.	Iron as Fe	IS:3025 (Part-53)2003	mg/L	BLQ(LOQ:0.05)
11.	Manganese as Mn	APHA 24th Edition 2023 3111 B	mg/L	BLQ (LOQ:0.04)
12.	Arsenic as As	APHA 24th Edition 2023 3114 C	mg/L	BLQ(LOQ:0.002)
13.	Mercury as Hg	APHA 24th Edition 2023 3112 B	mg/L	BLQ(LOQ:0.0005)
14.	Copper as Cu	APHA 24th Edition 2023 3111 - B	mg/L	BLQ(LOQ:0.03)
15.	Zinc as Zn	APHA 24th Edition 2023 3111 - B	mg/L	BLQ(LOQ:0.02)
16.	Selenium as Se	APHA 24th Edition 2023 3114 - C	mg/L	BLQ(LOQ:0.001)
17.	Boron as B	APHA 24th Edition 2023 4500 B B	mg/L	BLQ(LOQ:0.1)
18.	Chloride as Cl	IS:3025 (Part-32)1988	mg/L	118.23
19.	Fluoride as F	APHA 24th Edition 2023 4500 F D	mg/L	BLQ(LOQ:0.2)

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TEST REPORT

Job No. 533/25-26 ULR No. TC1513126000000617F Report Date 20.02.2026

S.No	Description	Method of Reference	Units	Results
20.	Sulphate as SO ₄	APHA 24 th Edition 2023 4500 SO ₄ E	mg/L	42
21.	Phenolic Compound as C ₆ H ₅ OH	IS:3025(Part-43) Sec 1:2022	mg/L	BLQ(LOQ:0.001)
22.	Total Alkalinity as CaCO ₃	IS:3025 (Part-23)2023	mg/L	166
23.	Total Hardness as CaCO ₃	IS:3025 (Part-21)2009	mg/L	156
24.	Total Suspended Solids	IS:3025 (Part-17)2022	mg/L	BLQ(LOQ:1.0)
25.	Sodium as Na	IS:3025 (Part-45)1993	mg/L	48
26.	Potassium as K	IS:3025 (Part-45)1993	mg/L	12
27.	Hexavalent Chromium as Cr ⁶⁺	IS:3025 (Part-52)2003	mg/L	BLQ(LOQ:0.02)
28.	Biochemical Oxygen Demand (3 days incubation @27°C)	IS:3025 (Part-44)2023	mg/L	BLQ(LOQ: 2.0)
29.	Chemical Oxygen Demand	IS:3025 (Part-58)2023	mg/L	BLQ(LOQ:4.0)
30.	Electrical Conductivity @25°C	IS:3025 (Part-14)2013	µs/cm	648
31.	Total Phosphorous as P	IS:3025(Part-31) Sec 1:2022	mg/L	BLQ(LOQ:0.1)
32.	Sodium adsorption Ratio	IS:11624:2019	meq/L	0.3
33.	Dissolved Oxygen	IS:3025 (Part - 38) 1989	mg/L	6.7

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Quality Manager

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TEST REPORT

Job No. 533/25-26 Report No. 1513126000000617 Report Date 20.02.2026

Sample Description: Surface Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address : Vallam Vadagal-II	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Surface Water	Qty Sample Received: 5 Ltrs
Sample Code: LES2602062	Sample Condition : Slightly Turbid Liquid
Sampling Date : 12.02.2026	Sample Received On: 13.02.2026
Test Commenced On: 13.02.2026	Test Completed On: 20.02.2026
Sampling Location : Pond Near Vallakottai	

S.No	Description	Method of Reference	Units	Results
1.	Lead as Pb	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.01)
2.	Cadmium as Cd	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.001)
3.	Total Chromium as Cr	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.005)
4.	Nickel as Ni	APHA 24 th Edition 2023 3111 B	mg/L	BLQ (LOQ:0.01)
5.	Phosphate as PO ₄	IS:3025 (Part-31)Sec 1:2022	mg/L	BLQ (LOQ:0.3)
6.	Residual Sodium Carbonate	IS:11624-2019	meq/L	0.16
7.	Percent Sodium	AES/EN/WAT/SOP/001	%	37.54
8.	Cyanide as CN	APHA 24 th Edition 4500 CN C,E:2023	mg/L	BLQ (LOQ:0.01)
9.	Anionic Detergents as MBAS	APHA 24 th Edition 2023 5540 B,C	mg/L	BLQ (LOQ:0.05)
10	Carbonate Alkalinity	APHA 24 th Edition 2320 B :2023	mg/L	BLQ(LOQ:2.0)
11	Bicarbonate Alkalinity	APHA 24 th Edition 2320 B :2023	mg/L	166

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TEST REPORT

Job No. 533/25-26 ULR No. TC1513126000000618F Report Date 20.02.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Vallam Vadagal-II	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602063	Sample Condition : Fit for analysis
Sampling Date : 12.02.2026	Sample Received On:13.02.2026
Test Commenced On:13.02.2026	Test Completed On:20.02.2026
Sampling Location : Project Area	Report Number: LES0618

S.No	Description	Method of Reference	Units	Results
PHYSICAL PARAMETERS				
1.	pH @25°C	IS:2720 (Part 26)1987	---	6.59
2.	Electrical Conductivity @25°C	IS:14767:2000	µs/cm	365.6
3.	Total Sand	AES/EN/SLS/SOP/017	%	49
4.	Silt	AES/EN/SLS/SOP/017	%	14
5.	Clay	AES/EN/SLS/SOP/017	%	31
6.	Bulk Density	AES/EN/SLS/SOP/001	---	1.35
7.	Moisture	IS 2720 (Part - 2)1973	%	5.2
CHEMICAL PARAMETERS -				
8.	Manganese as Mn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	148
9.	Total Organic Carbon	AES/EN/SLS/SOP/019	%	0.64
10.	Total Organic matter	IS:2720 (Part -22)1972	%	1.1
11.	Available Potassium as K	AES/EN/SLS/SOP/018	mg/kg	19.01
12.	Total Nitrogen as N	IS:14684:1999	mg/kg	129
13.	Exchangeable Calcium as Ca	AES/EN/SLS/SOP/011	mg/kg	24.4
14.	Exchangeable Magnesium as Mg	AES/EN/SLS/SOP/011	mg/kg	6.2
15.	Cation Exchange Capacity	EPA 9081:1986	meq/100g	3.6
16.	Water Holding Capacity	AES/EN/SLS/SOP/005	%	24.4
17.	Available Phosphorous as P	AES/EN/SLS/SOP/012	mg/kg	21.3
18.	Zinc as Zn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	20
19.	Boron as B	AES/EN/SLS/SOP/015	mg/kg	0.68
20.	Chromium as Cr	USEPA 7000B & EPA 3050 B - 1996	mg/kg	16.5
21.	Cadmium as Cd	USEPA 7000B & EPA 3050 B - 1996	mg/kg	BLQ (LOQ:2.0)
22.	Iron as Fe	USEPA 7000B & EPA 3050 B - 1996	mg/kg	3.5
23.	Copper as Cu	USEPA 7000B & EPA 3050 B - 1996	mg/kg	6.8

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TEST REPORT

Job No. 533/25-26 Report No. 26000000618 Report Date 20.02.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Vallam Vadagal-II	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602063	Sample Condition : Fit for analysis
Sampling Date : 12.02.2026	Sample Received On:13.02.2026
Test Commenced On:13.02.2026	Test Completed On:20.02.2026
Sampling Location : Project Area	

S.No	Description	Method of Reference	Units	Results
1.	Soil Texture	LES/EN/SLS/SOP/030	---	Sandy Clay Loam
2.	Infiltration Rate	LES/EN/SLS/SOP/031	cm/hr	1.5
3.	Colour	LES/EN/SLS/SOP/032	---	Brownish

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TEST REPORT

Job No. 533/25-26 ULR No. TC1513126000000619F Report Date 20.02.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Vallam Vadagal-II	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602064	Sample Condition : Fit for analysis
Sampling Date : 11.02.2026	Sample Received On:13.02.2026
Test Commenced On:13.02.2026	Test Completed On:20.02.2026
Sampling Location : Kunnam	Report Number: LES0619

S.No	Description	Method of Reference	Units	Results
PHYSICAL PARAMETERS				
1.	pH @25°C	IS:2720 (Part 26)1987	---	6.72
2.	Electrical Conductivity @25°C	IS:14767:2000	µs/cm	315.2
3.	Total Sand	AES/EN/SLS/SOP/017	%	49
4.	Silt	AES/EN/SLS/SOP/017	%	14
5.	Clay	AES/EN/SLS/SOP/017	%	30
6.	Bulk Density	AES/EN/SLS/SOP/001	---	1.28
7.	Moisture	IS 2720 (Part - 2)1973	%	4.9
CHEMICAL PARAMETERS -				
8.	Manganese as Mn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	162
9.	Total Organic Carbon	AES/EN/SLS/SOP/019	%	0.93
10.	Total Organic matter	IS:2720 (Part -22)1972	%	1.6
11.	Available Potassium as K	AES/EN/SLS/SOP/018	mg/kg	27.42
12.	Total Nitrogen as N	IS:14684:1999	mg/kg	185
13.	Exchangeable Calcium as Ca	AES/EN/SLS/SOP/011	mg/kg	22
14.	Exchangeable Magnesium as Mg	AES/EN/SLS/SOP/011	mg/kg	5.6
15.	Cation Exchange Capacity	EPA 9081:1986	meq/100g	3.7
16.	Water Holding Capacity	AES/EN/SLS/SOP/005	%	30.9
17.	Available Phosphorous as P	AES/EN/SLS/SOP/012	mg/kg	24.9
18.	Zinc as Zn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	24
19.	Boron as B	AES/EN/SLS/SOP/015	mg/kg	0.9
20.	Chromium as Cr	USEPA 7000B & EPA 3050 B - 1996	mg/kg	15.3
21.	Cadmium as Cd	USEPA 7000B & EPA 3050 B - 1996	mg/kg	BLQ (LOQ:2.0)
22.	Iron as Fe	USEPA 7000B & EPA 3050 B - 1996	mg/kg	5
23.	Copper as Cu	USEPA 7000B & EPA 3050 B - 1996	mg/kg	7.2

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TEST REPORT

Job No. 533/25-26 Report No. 26000000619 Report Date 20.02.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Vallam Vadagal-II	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602064	Sample Condition : Fit for analysis
Sampling Date : 11.02.2026	Sample Received On:13.02.2026
Test Commenced On:13.02.2026	Test Completed On:20.02.2026
Sampling Location : Kunnam	

S.No	Description	Method of Reference	Units	Results
1.	Soil Texture	LES/EN/SLS/SOP/030	---	Clay Loam
2.	Infiltration Rate	LES/EN/SLS/SOP/031	cm/hr	1.2
3.	Colour	LES/EN/SLS/SOP/032	---	Brownish

For LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

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Authorized Signatory

U.ANBARASAN
Quality Manager

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TEST REPORT

Job No. 533/25-26 ULR No. TC151312600000620F Report Date 20.02.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Vallam Vadagal-II	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602065	Sample Condition : Fit for analysis
Sampling Date : 12.02.2026	Sample Received On:13.02.2026
Test Commenced On:13.02.2026	Test Completed On:20.02.2026
Sampling Location : Mathur	Report Number: LES0620

S.No	Description	Method of Reference	Units	Results
PHYSICAL PARAMETERS				
1.	pH @25°C	IS:2720 (Part 26)1987	---	7.68
2.	Electrical Conductivity @25°C	IS:14767:2000	µs/cm	365.3
3.	Total Sand	AES/EN/SLS/SOP/017	%	49
4.	Silt	AES/EN/SLS/SOP/017	%	15
5.	Clay	AES/EN/SLS/SOP/017	%	29
6.	Bulk Density	AES/EN/SLS/SOP/001	---	1.33
7.	Moisture	IS 2720 (Part - 2)1973	%	7.1
CHEMICAL PARAMETERS -				
8.	Manganese as Mn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	145
9.	Total Organic Carbon	AES/EN/SLS/SOP/019	%	0.67
10.	Total Organic matter	IS:2720 (Part -22)1972	%	1.16
11.	Available Potassium as K	AES/EN/SLS/SOP/018	mg/kg	26.67
12.	Total Nitrogen as N	IS:14684:1999	mg/kg	135
13.	Exchangeable Calcium as Ca	AES/EN/SLS/SOP/011	mg/kg	24.2
14.	Exchangeable Magnesium as Mg	AES/EN/SLS/SOP/011	mg/kg	6.2
15.	Cation Exchange Capacity	EPA 9081:1986	meq/100g	5.1
16.	Water Holding Capacity	AES/EN/SLS/SOP/005	%	25
17.	Available Phosphorous as P	AES/EN/SLS/SOP/012	mg/kg	25.6
18.	Zinc as Zn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	19
19.	Boron as B	AES/EN/SLS/SOP/015	mg/kg	0.72
20.	Chromium as Cr	USEPA 7000B & EPA 3050 B - 1996	mg/kg	16.9
21.	Cadmium as Cd	USEPA 7000B & EPA 3050 B - 1996	mg/kg	BLQ (LOQ:2.0)
22.	Iron as Fe	USEPA 7000B & EPA 3050 B - 1996	mg/kg	3.2
23.	Copper as Cu	USEPA 7000B & EPA 3050 B - 1996	mg/kg	6.5

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Note: BLQ – Below Limit of Quantification
LOQ – Limit of Quantification

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Quality Manager

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TEST REPORT

Job No. 533/25-26 Report No. 26000000620 Report Date 20.02.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Vallam Vadagal-II	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602065	Sample Condition : Fit for analysis
Sampling Date : 12.02.2026	Sample Received On:13.02.2026
Test Commenced On:13.02.2026	Test Completed On:20.02.2026
Sampling Location : Mathur	

S.No	Description	Method of Reference	Units	Results
1.	Soil Texture	LES/EN/SLS/SOP/030	---	Sandy Clay Loam
2.	Infiltration Rate	LES/EN/SLS/SOP/031	cm/hr	1.5
3.	Colour	LES/EN/SLS/SOP/032	---	Brownish

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For LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

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U. ANBARASAN
Quality Manager

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TEST REPORT

Job No. 533/25-26 ULR No. TC151312600000621F Report Date 20.02.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Vallam Vadagal-II	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602066	Sample Condition : Fit for analysis
Sampling Date : 12.02.2026	Sample Received On:13.02.2026
Test Commenced On:13.02.2026	Test Completed On:20.02.2026
Sampling Location : Vallakottai	Report Number: LES0621

S.No	Description	Method of Reference	Units	Results
PHYSICAL PARAMETERS				
1.	pH @25°C	IS:2720 (Part 26)1987	---	7.95
2.	Electrical Conductivity @25°C	IS:14767:2000	µs/cm	285.1
3.	Total Sand	AES/EN/SLS/SOP/017	%	52
4.	Silt	AES/EN/SLS/SOP/017	%	13
5.	Clay	AES/EN/SLS/SOP/017	%	30
6.	Bulk Density	AES/EN/SLS/SOP/001	---	1.34
7.	Moisture	IS 2720 (Part - 2)1973	%	8.4
CHEMICAL PARAMETERS -				
8.	Manganese as Mn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	138
9.	Total Organic Carbon	AES/EN/SLS/SOP/019	%	0.66
10.	Total Organic matter	IS:2720 (Part -22)1972	%	1.14
11.	Available Potassium as K	AES/EN/SLS/SOP/018	mg/kg	16.54
12.	Total Nitrogen as N	IS:14684:1999	mg/kg	133
13.	Exchangeable Calcium as Ca	AES/EN/SLS/SOP/011	mg/kg	20.8
14.	Exchangeable Magnesium as Mg	AES/EN/SLS/SOP/011	mg/kg	5.4
15.	Cation Exchange Capacity	EPA 9081:1986	meq/100g	5.5
16.	Water Holding Capacity	AES/EN/SLS/SOP/005	%	24.7
17.	Available Phosphorous as P	AES/EN/SLS/SOP/012	mg/kg	28.2
18.	Zinc as Zn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	15
19.	Boron as B	AES/EN/SLS/SOP/015	mg/kg	0.7
20.	Chromium as Cr	USEPA 7000B & EPA 3050 B - 1996	mg/kg	17.6
21.	Cadmium as Cd	USEPA 7000B & EPA 3050 B - 1996	mg/kg	BLQ (LOQ: 2.0)
22.	Iron as Fe	USEPA 7000B & EPA 3050 B - 1996	mg/kg	2.3
23.	Copper as Cu	USEPA 7000B & EPA 3050 B - 1996	mg/kg	6.1

For LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

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Note: BLQ – Below Limit of Quantification
LOQ – Limit of Quantification

****End of Report****
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TEST REPORT

Job No. 533/25-26 Report No. 26000000621 Report Date 20.02.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Vallam Vadagal-II	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602066	Sample Condition : Fit for analysis
Sampling Date : 12.02.2026	Sample Received On:13.02.2026
Test Commenced On:13.02.2026	Test Completed On:20.02.2026
Sampling Location : Vallakottai	

S.No	Description	Method of Reference	Units	Results
1.	Soil Texture	LES/EN/SLS/SOP/030	---	Sandy Clay Loam
2.	Infiltration Rate	LES/EN/SLS/SOP/031	cm/hr	1.6
3.	Colour	LES/EN/SLS/SOP/032	---	Brownish

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Quality Manager

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TEST REPORT

Job No. 533/25-26 ULR No. TC151312600000622F Report Date 20.02.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Vallam Vadagal-II	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602067	Sample Condition : Fit for analysis
Sampling Date : 12.02.2026	Sample Received On:13.02.2026
Test Commenced On:13.02.2026	Test Completed On:20.02.2026
Sampling Location : Echoor	Report Number: LES0622

S.No	Description	Method of Reference	Units	Results
PHYSICAL PARAMETERS				
1.	pH @25°C	IS:2720 (Part 26)1987	---	7.88
2.	Electrical Conductivity @25°C	IS:14767:2000	µs/cm	306.4
3.	Total Sand	AES/EN/SLS/SOP/017	%	54
4.	Silt	AES/EN/SLS/SOP/017	%	11
5.	Clay	AES/EN/SLS/SOP/017	%	31
6.	Bulk Density	AES/EN/SLS/SOP/001	---	1.34
7.	Moisture	IS 2720 (Part - 2)1973	%	8.9
CHEMICAL PARAMETERS -				
8.	Manganese as Mn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	150
9.	Total Organic Carbon	AES/EN/SLS/SOP/019	%	0.65
10.	Total Organic matter	IS:2720 (Part -22)1972	%	1.12
11.	Available Potassium as K	AES/EN/SLS/SOP/018	mg/kg	24.51
12.	Total Nitrogen as N	IS:14684:1999	mg/kg	130
13.	Exchangeable Calcium as Ca	AES/EN/SLS/SOP/011	mg/kg	21.8
14.	Exchangeable Magnesium as Mg	AES/EN/SLS/SOP/011	mg/kg	5.6
15.	Cation Exchange Capacity	EPA 9081:1986	meq/100g	5.8
16.	Water Holding Capacity	AES/EN/SLS/SOP/005	%	24.5
17.	Available Phosphorous as P	AES/EN/SLS/SOP/012	mg/kg	31
18.	Zinc as Zn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	20
19.	Boron as B	AES/EN/SLS/SOP/015	mg/kg	0.68
20.	Chromium as Cr	USEPA 7000B & EPA 3050 B - 1996	mg/kg	16.2
21.	Cadmium as Cd	USEPA 7000B & EPA 3050 B - 1996	mg/kg	BLQ (LOQ:2.0)
22.	Iron as Fe	USEPA 7000B & EPA 3050 B - 1996	mg/kg	3.7
23.	Copper as Cu	USEPA 7000B & EPA 3050 B - 1996	mg/kg	6.9

For LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

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Note: BLQ – Below Limit of Quantification
LOQ – Limit of Quantification

****End of Report****
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Quality Manager

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TEST REPORT

Job No. 533/25-26 Report No. 26000000622 Report Date 20.02.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Vallam Vadagal-II	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602067	Sample Condition : Fit for analysis
Sampling Date : 12.02.2026	Sample Received On:13.02.2026
Test Commenced On:13.02.2026	Test Completed On:20.02.2026
Sampling Location : Echoor	

S.No	Description	Method of Reference	Units	Results
1.	Soil Texture	LES/EN/SLS/SOP/030	---	Sandy Clay Loam
2.	Infiltration Rate	LES/EN/SLS/SOP/031	cm/hr	1.5
3.	Colour	LES/EN/SLS/SOP/032	---	Brownish

For LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

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****End of Report****
1 of 1

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Quality Manager

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SIPCOT –VALLAM VADAGAL –II

ENVIRONMENTAL MONITORING PHOTOGRAPHS

AMBIENT AIR QUALITY MONITORING PHOTOGRAPHS:

Project Site



Vallakkottai



Mathur



Kunnam



Echur



NOISE SAMPLING PHOTOGRAPH

Project site	Vallakottai
 Sivurumbadur, Tamil Nadu, India 9°42' 16.00"N, 78°42' 00.00"E UTM: 12QJG10N, 1000000.00m Elevation: 1200.00m AMSL PM GMT +05:30	 Vallakottai, Tamil Nadu, India 9°42' 16.00"N, 78°42' 00.00"E UTM: 12QJG10N, 1000000.00m Elevation: 1200.00m AMSL PM GMT +05:30
Mathur	Kunnam
 Mathur, Tamil Nadu, India 9°42' 16.00"N, 78°42' 00.00"E UTM: 12QJG10N, 1000000.00m Elevation: 1200.00m AMSL PM GMT +05:30	 Kunnam, Tamil Nadu, India 9°42' 16.00"N, 78°42' 00.00"E UTM: 12QJG10N, 1000000.00m Elevation: 1200.00m AMSL PM GMT +05:30
Echur	
 Echur, Tamil Nadu, India 9°42' 16.00"N, 78°42' 00.00"E UTM: 12QJG10N, 1000000.00m Elevation: 1200.00m AMSL PM GMT +05:30	

SOIL SAMPLING PHOTOGRAPH

Project site	Vallakottai
 Sriperumbudur, Tamil Nadu, India Wagah Road, Sriperumbudur, Tamil Nadu 601501, India Lat: 13.080000 Long: 79.950000 WGS84, 15.000000 0.000000 4.000000	 Vallakottai, Tamil Nadu, India Wagah Road, Vallakottai, Tamil Nadu 601101, India Lat: 12.950000 Long: 79.950000 WGS84, 15.000000 0.000000 4.000000
Mathur	Kunnam
 Mathur, Tamil Nadu, India Wagah Road, Mathur, Tamil Nadu 601101, India Lat: 13.080000 Long: 79.950000 WGS84, 15.000000 0.000000 4.000000	 Kunnam, Tamil Nadu, India Wagah Road, Kunnam, Tamil Nadu 601101, India Lat: 13.080000 Long: 79.950000 WGS84, 15.000000 0.000000 4.000000
Echur	
 Echur, Tamil Nadu, India Wagah Road, Echur, Tamil Nadu 601101, India Lat: 13.080000 Long: 79.950000 WGS84, 15.000000 0.000000 4.000000	

GROUND WATER SAMPLING PHOTOGRAPHS

Project site	Mathur
 Sripesothur, Tamil Nadu, India Visit: www.sripesothur.org, Tamil Nadu, India Lat: 10.818837 Long: 78.833333 Thursday, 12/06/2020 12:58 PM GMT +05:30	 Mathur, Tamil Nadu, India Visit: www.mathur.org, Tamil Nadu, India Lat: 10.818837 Long: 78.833333 Thursday, 12/06/2020 12:58 PM GMT +05:30
Echur	
 Echur, Tamil Nadu, India Visit: www.echur.org, Tamil Nadu, India Lat: 10.818837 Long: 78.833333 Thursday, 12/06/2020 12:58 PM GMT +05:30	

SURFACE WATER SAMPLING PHOTOGRAPHS

Pond near Vallakkottai



Thenneri Lake



SIPCOT | State Industries Promotion Corporation of Tamil Nadu

sipcotweb.tn.gov.in/Environment_clearance

WhatsApp EIA - Functional Area EIA Coordinator & F... List of Proposals Su... SR

Vallam Vadogal - I Kanchipuram	Aerospace Park Kanchipuram
Vallam Vadogal - II Kanchipuram	Manaparai Tiruchinappalli
Tindivanam Villupuram	Manallur Tirunelveli
Thoothukudi - II Thoothukudi	Nemili Kanchipuram

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Office Address

Address
19-A, RUKMANI
LAKSHMIPATHY ROAD
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Phone

SIPCOT
Govt. of Tamil Nadu

SIPCOT has nurtured the development of 50 Industrial Parks including 8 SEZs across over 74 districts in a

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6:53 PM 3/23/2026

SIPCOT | State Industries Promotion Corporation of Tamil Nadu

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Compliance Report - Manaparai for Dec 2025	Compliance Report - Tindivanam for Dec 2025
Compliance Report - Manallur for Dec 2025	Compliance Report - Vallam Vadagal II for Dec 2025
Compliance Report - Thoothukudi for Dec 2025	Compliance Report - Nemili for Dec 2025

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008.

Phone
044-45261777

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Govt. of Tamil Nadu

SIPCOT has nurtured the development of 50 Industrial Parks including 8 SEZs, spread over 34 districts in a total extent of about 48,926.48 acres.

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SIPCOT

EC/VV_II_IHF/HYC/Dec/2025

Date: 28.11.2025

To,
The Member Secretary,
State Level Environment Impact Assessment Authority,
9 th Floor, CMRL Building,
No. 327, Anna Salai, Nandanam,
Chennai - 600 035.

Sir/Madam,

Sub: SIPCOT - Vallam Vadagal Industrial Park II with Industrial Housing Facility -
Submission of Half Yearly Compliance Report for December 2025 (i.e., for
the period of April 2025 to September 2025) - Reg.

Ref: EC vide Letter No. SEIAA-TN/F.7316/EC/8(b)/797/2022 dt. 02.02.2022.

We hereby submit the Half Yearly Compliance Report for the Development of
Vallam Vadagal Industrial Park - II with Industrial Housing Facility at Vallam A and
Vallam B villages, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu for
December 2025 (i.e., for the period of April 2025 to September 2025) along with
the supporting documents for your perusal.

Thanking you

Yours faithfully,

CONSULTANT (PROJECT MANAGEMENT)

Encl: As above.

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,
Central Pollution Control Board,
Regional Directorate - Chennai,
2nd Floor, 40-E, BSNL Building,
TVK Industrial Estate, CIPET Road, Guindy, Chennai - 600 032



P.T.O.

State Industries Promotion Corporation of Tamil Nadu Limited
(A Government of Tamil Nadu Undertaking)

CIN : U74999TN1971SGC005967

Regd. Office : 19-A, Rukmani Lakshmiipathy Road, Post Box No.7223, Egmore, Chennai - 600 008.

Phone : 45261777, Fax : 45261796, Website : www.sipcot.tn.gov.in



EC SIPCOT <ec@sipcot.in>

**SIPCOT Vallam Vadagal Industrial Park-II with Industrial Housing Facility-
Submission of Half Yearly Compliance Report for December 2025 (i.e., for the
period of April 2025 – September 2025) - Reg.**

1 message

EC SIPCOT <ec@sipcot.in>

Sat, Nov 29, 2025 at 11:04 PM

To: ecompliance-tn@gov.in, rdchennai.cpcb@gov.in, cmantnseiaa@yahoo.com

Cc: PO Vallam-Vadagal <povv@sipcot.in>

Bcc: Sowmya <sowmya@itcot.com>

Sir/Madam,

Ref: EC obtained from SEIAA vide Letter No.SEIAA/TN/F.No-7316/EC/8(b)/797/2022 dated:
02.02.2022.

Please find attached the Half Yearly Environmental Clearance Compliance Report (Six Monthly Report) for December 2025 (i.e., for the period of April 2025 – September 2025) for "Development of SIPCOT Vallam Vadagal Industrial Park-II with Industrial Housing Facility at Vallam A and Vallam B Villages, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu" along with supporting documents for your perusal and records.

--

Thanks & Regards,
Environment Cell,
SIPCOT



Vallam II HYC Dec 25.pdf

15397K



SIPCOT

EC/I/362198/2025/VV-II

Date: 29.09.2025

To,
The Member Secretary,
Tamil Nadu Pollution Control Board,
No.76, Mount Salai, Guindy,
Chennai - 600 032.

107 RPAD/

Sir,

Sub: SIPCOT - Vallam Vadagal Industrial Park_II with Industrial Housing Facility -
Environmental Statement for the Financial Year ending 31st March 2025 -
Submitted - Reg.

Ref: SEIAA EC vide Letter No. SEIAA-TN/F.7316/EC/8(b)/797/2022 dated
02.02.2022.

With reference to the above, we hereby submit the Environmental Statement in Form-V as prescribed under the Environmental (Protection) Rules, 1986 and its subsequent amendment in respect of SIPCOT Vallam Vadagal Industrial Park - II with Industrial Housing Facility at Vallam 'A' and Vallam 'B' Villages, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu for the Financial Year ending 31st March 2025.

Yours faithfully,

CONSULTANT (PROJECT MANAGEMENT)

Encl: As above.



State Industries Promotion Corporation of Tamil Nadu Limited

(A Government of Tamil Nadu Undertaking)

CIN : U74999TN1971SGC005967

Regd. Office : 19-A, Rukmani Lakshmipathy Road, Post Box No.7223, Egmore, Chennai - 600 008.

Phone : 45261777, Fax : 45261796 Website : www.sipcot.tn.gov.in

Projects-II/Vallam Vadagal - II/2022

Date: 08.03.2022

The Member Secretary,
State Level Environment Impact Assessment Authority,
3rd Floor, Panagal Maligai,
No.1. Jeenis Road,
Saidapet, Chennai - 600 015.

/RPAD/

Sir,

Sub: SIPCOT - Vallam Vadagal Industrial Park - II Including Industrial Housing Facility- Submission of copy of the Press Release on issue of Environmental Clearance from SEIAA - Forwarded - Reg.

Ref: SEIAA EC Letter No. SEIAA-TN/F.7316/EC/8(b)/797/2022 dated: 02.02.2022.

With reference to the above, we have obtained Environmental Clearance (EC) from SEIAA, TN. As per EC condition, the advertisement regarding issue of Environment Clearance for establishment of Vallam Vadagal Industrial Park - II Including Industrial Housing Facility has been released in 'The Hindu' Chennai edition dated 17.02.2022 in English language and 'Dinakaran' Chennai edition dated 17.02.2022 in Tamil Language.

The copy of both the press release has been enclosed here with for your kind perusal.

Yours faithfully,

H. Prathapathy
GENERAL MANAGER (P-II)

Encl.: As above.



Madam,
FC completed.
o/c.
shw

Projects- II/Vallam Vadagal-II/2022

Date: 08.03.2022

✓ The Deputy Director General of Forests (C),
Ministry of Environment, Forest and Climate Change,
Regional Office (SEZ), Ist and IInd Floor,
Handloom Export Promotion Council, 34, Cathedral Garden Road,
Nungambakkam, Chennai - 600 034.

/RPAD/

Sir,

Sub: SIPCOT - Vallam Vadagal Industrial Park - II Including Industrial
Housing Facility- Submission of copy of the Press Release on issue
of Environmental Clearance from SEIAA - Forwarded - Reg.

Ref: SEIAA EC Letter No. SEIAA-TN/F.7316/EC/8(b)/797/2022 dated:
02.02.2022.

With reference to the above, we have obtained Environmental Clearance
(EC) from SEIAA, TN. As per EC condition, the advertisement regarding issue of
Environment Clearance for establishment of Vallam Vadagal Industrial Park - II
Including Industrial Housing Facility has been released in 'The Hindu' Chennai
edition dated 17.02.2022 in English language and 'Dinakaran' Chennai edition
dated 17.02.2022 in Tamil Language.

The copy of both the press release has been enclosed here with for your
kind perusal.

Yours faithfully,

H.P.
GENERAL MANAGER (P-II)

Encl.: As above.



Madam,
Fc compared
O/C.
skb.

உயர் நீதிமன்றம் உத்தரவு

சென்னை, பிப். 17: வாக்கு எண்ணிக்கையை எங்கு நடத்துவது என்று மாநில தேர்தல் ஆணையம் தான் முடிவெடுக்க வேண்டும் எனவும், நீதிமன்றம் எந்த உத்தரவையும் பிறப்பிக்க முடியாது எனவும் உத்தரவிட்ட உயர் நீதிமன்றம், வாக்கு எண்ணிக்கை மையத்தை மாற்றக்கோரிய மனுவை தள்ளுபடி செய்து உத்தரவிட்டது.

ராணிப்பேட்டை மாவட்டம், சோளிங்கர் நகராட்சி தேர்தலில் பதிவாகும் வாக்குகள், வாலாஜாபேட்டை அறிஞர் அண்ணா அரசு மகளிர் கலைக் கல்லூரியில் எண்ணப்படும் என்று அறிவித்

சீனிவாசன் என்பவர் உயர் நீதிமன்றத்தில் வழக்கு தொடர்ந்திருந்தார். இந்த வழக்கு தலையமைந்திபதி முனிஸ்வர் நாத் பண்டாரி மற்றும் நீதிபதி பரத சக்கரவர்த்தி அடங்கிய அமர்வில் நேற்று விசாரணைக்கு வந்தது. அப்போது, சோனிங்கர் நகரில் இருந்து 25 கிலோ மீட்டர் தூரத்தில் உள்ள வாலாஜாபேட்டையில் அமைக்கப்பட்டுள்ள வாக்கு எண்ணிக்கை மையத்தை மாற்ற கோரி அளித்த மனுவை பரிசீலிக்க தேர்தல் ஆணையத்திற்கு உத்தரவிட வேண்டும் என்று மனுதாரர் தரப்பில் கோரப்பட்டது.

இதை ஏற்க மறுத்த நீதிபதி
கள், வாக்கு எண்ணிக்கையை



தீர்கள். தமிழ்நாட்டின் உரிமைக்காக டெல்லியில் நமது உறுப்பினர்கள் குரல் கொடுப்பதை, வாதாடுவதை பார்க்குறீர்கள். சட்டமன்றத் தேர்தலில் மகத்தான வெற்றியை மக்களாகிய நீங்கள் கொடுத்தீர்கள். தமிழ்நாட்டின் வளத்திற்காககோட்டையில் இருந்து திட்டங்களைத் தீட்டி வருகிறோம். ஆட்சிக்கு வந்தவுடனே, அதிமுக ஆட்சியில், கொரோனா பிடியில் சிக்கி, வாழ்வாதாரச் சிக்கலில் இருந்தவர்களுக்குத் தலா 4 ஆயிரம் ரூபாயை எந்தவிதமான பதனாகக் கட்டுவதில்லா

இருந்து பணியாற்றக் காத்திருக்கிறோம். இவ்வாறு அவர் உரையாற்றினார்.

வட்டங்களில்

கு எதிராக
சியிலிருந்து நீக்கம்

ஸ் கூட்டாக அறிவிப்பு

P. ஜெயராமன்

பணியாற்றுகின்ற காரணங்களால், செங்கல்பட்டு மேற்கு மாவட்டத்தை சேர்ந்த நாகூர்கனி, (தாம் பரம் - மாவட்ட சிறுபான்மையினர் நலப் பிரிவு துணைச்செயலாளர்), சுரளா (மறைமலைநகர் நகராதிமுக இணைச்செயலாளர்), சுரவனன் (மறைமலைநகர் நகர் வர்த்தக அணி செயலாளர்), பிரகாஷ்குமார் (கடப்பேரி, தாம் பரம்), ஈரோடு மாநகர் மாவட்டத்தைச் சேர்ந்த தர்மலிங்கம் (13வது வட்ட செயலாளர்), ராகாக்கின்

TENDER NOTICE NO: 4365(TN-T/CM(T)/DR/2021

For and on behalf of the Tamil Nadu Small Industries Development Corporation Limited, Chennai-32,
Sealed Qualification & Price Bid (Two Cover) tender is invited from the Class I & Above contractors
for the work mentioned below.

S/N	Name of Work	EMD Rs. in Lakhs	Tentative Value of Work Rs. in Lakhs	Period of Completion
1	Construction of Workers' Hostel consists of 8Btt + 5 Floors at TANSIDCO Industrial Estate, Ambattur in Chennai District	9.09	1797.34	24 (Twenty Four Months)

Date of Pre Bid Meeting - 14.03.2022 at 3:30 PM; Last date for receipt of tender - 22.03.2022 upto 3:00 PM;
Date of tender opening - 22.03.2022 at 3:30 PM; Qualification & Price Bid Documents available for sale
from 07.03.2022 to 21.03.2022. Cost of Bid Document including GST - Rs. 17,700/-

The other details and terms & conditions may be obtained from the office of the Superintending Engineer Wc, TANSIDCO, Chennai - 600032 and please visit the websites www.tenders.in.gov.in & www.tansidco.in.gov.in and the tender documents may be downloaded at free of cost.

**SUPERINTENDING ENGINEER /
TANSIDCO, CHENNAI - 32**

தமிழ்நாடு தொழில் முன்னேற்ற நிறுவனம்
வணிக வடகால் தொழில் பூங்கா - II, ஸ்பெனும்புரம் தாலுகா, காஞ்சிபுரம் மாவட்டம்

சுற்றுலா துறை இசைவரணை

மாநில சுற்றுச்சூழல் தாக்க மதிப்பீட்டு ஆணையம், தமிழ்நாடு கடித எண்: SEIAA-TN/F.7316/EC/3(b)/797/2022 தேதி 02.02.2022 மூலம் வல்லம் A & B இராமம், ஸ்ரீபெரும்புதூர் தாலுகா, கானுசிபுரம் மாவட்டத்தில் சிப்காட்டின் வல்லம் வடகால் தொழில் பூங்கா-11ற்கான விரிவாக்கம் மற்றும் தொழில் குடியிருப்பு வசதிகளுக்கான சுற்றுச்சூழல் இசைவாணை வழங்கியுள்ளது.

இவ்விசைவாணையின் முழுவிலரங்களை www.sipcol.in.gov.in என்னும் சிப்காட் இணையதளத்திலும், மாநில மாசு கட்டுப்பாடு வாரியம் மற்றும் மாநில சுற்றுச்சூழல் தாக்க மிப்பீட்டு ஆணையத்தின் இணையதளத்திலும் பெற்றுக் கொள்ளலாம். மேலும் இவ்விசைவாணையின் நகலினை சிப்காட் தலைமை அலுவலகத்திலோ அல்லது திட்ட அலுவலகத்திலோ பெற்றுக்கொள்ளலாம்.

செ.ம.தொ.கி.074/யுள்தகவல்/2022

மேலாண்மை இயக்குனர், சிப்காட்,
19-ஆ, முக்குமணி வட்சுமிபதி சாலை,
எழும்பூர், சென்னை - 600 004.

निर्वाचकता का प्रतिफल (1997) तथा 1997 के निर्वाचकता प्रतिफल (1997) का प्रतिफल (1997)

அசையா சொத்துகள் விற்பனைக்கான மின்-ஏலம் பொது அறிவிப்பு

[illegible][illegible]

Vallam Vadagal Industrial Park - II with Industrial Housing Facility

English Advertisement - 'The Hindu' Dated 17.02.2022

he go- have ahead session. Ashok w Elec- shnan- (Secu- oversy, Mr. Krishnankutty, had insti- gated the controversy. Kerala Chief Minister Pin- arayi Vijayan has asked Mr. Krishnankutty to settle the imbroglio. Consequently, the Minister has invited trade union leaders for talks on Thursday.



CENTRAL UNIVERSITY OF SOUTH BIHAR
RECRUITMENT NOTICE -TEACHING POSITIONS
Advertisement No. - CUSB/Advt/37/2022 dated :17.02.2022
Online applications in the prescribed form are invited from Indian citizens/Overseas Citizen of India (OCI) eligible for the post of **Professor/ Associate Professor / Assistant Professor** (in various programmes) on regular basis.
For details of advertisement, filling of online application form and last date visit University Website : www.cusb.ac.in

Registrar

SOUTHERN RAILWAY
ELECTRICAL (TRD) BRANCH,
TIRUCHCHIRAPPALLI
DIVISION
For and on behalf of the President of India, the Divisional Railway Manager, Traction Distribution, Southern Railway, Tiruchchirappalli - 620001 invites online E-tenders from prospective tenderers / bidders for the following work.
1. Tender Number : TPJ-TRD-2021-2022-18; 2. Name of work : TPJ Div. - Developing of second entry at TPJ yard by extending the stabling line and connecting to third line to facilitate reception and dispatch of express trains - Electrical TRD Arrangements;
3. Approx. value of tender : ₹ 1,16,03,963.00; 4. Cost of tender booklet : ₹ 5,600; 5. Earnest money deposit (EMD) : ₹ 2,09,100; 6. Date & Time of Bidding: 23.02.2022 to 14.00 Hours on 09.03.2022; 7. Date & Time of Tender Opening: After 15:00 Hours on 09.03.2022; 8. Period of completion: Nine Months; 9. Period of validity of offer : 81 days from the date of tender opening.
NOTE : 1) The prospective tenderers/ bidders are requested to register themselves with IREPS (Indian Railway Electronic Procurement System), if not done already, for participating in E-Tenders. Registration form is available on IREPS site (Quick link New Vendors/ Contractors (E-Tender).
2) Contractors/bidders are requested to procure Digital Signing Certificate (DSC) Class III or appropriate from Govt. of India, authorized Certifying authority (CCA-Controller of Certifying Authority) for participating in E-Tender & to log into IREPS.
3) Payment of Tender Document Cost and EMD (if any) in respect of e-tendering, should be done through net banking or payment gateway only (online payment). Tenderers received without tender document cost shall be rejected.
4) Kindly log on to <http://www.ireps.in>.



STATE INDUSTRIES PROMOTION CORPORATION OF TAMILNADU LIMITED (SIPCOT)
VALLAM VADAGAL INDUSTRIAL PARK - II
ENVIRONMENTAL CLEARANCE
Environmental Clearance has been obtained for the proposed Expansion & Change in concept of Development of Vallam Vadagal Industrial Park-II including Industrial Housing Facility at Vallam 'A' & 'B' villages, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu from State Environment Impact Assessment Authority (SEIAA), Tamil Nadu vide Letter No.: SEIAA-TN/F.7315/EC/8(b)/797/2022 dated: 02.02.2022.
The Environmental Clearance (EC) letter can be downloaded from SIPCOT website www.sipcot.in.gov.in. The clearance letter is available with the State Pollution Control Board and also in the website of SEIAA, TN. Further a copy of the EC shall be obtained from the Head Office/Project Office of SIPCOT.
DIPR/074/Display/2022
MANAGING DIRECTOR
SIPCOT, 19A, RUKMANI LAKSHMIPATHY ROAD, EDMORE, CHENNAI - 600 068.



Government of Jammu & Kashmir
OFFICE OF THE EXECUTIVE ENGINEER MECHANICAL HOSPITAL AND CENTRAL HEATING DIVISION SRINAGAR
(Tele-fax No: 0194-2496089, e-mail id: xenmhchdk@yahoo.in)
(Short-term)
(Fresh)
e -NIT NO: MHCHD/TS /2021-22 /331/e-tendering
Dated:-14.02.2022
For and on behalf of the Lt. Governor, J&K UT e-tenders are invited from Authorized dealers of Suggested makes of SpRtACs or Registered/ Reputed and experienced firms for the below mentioned work:-

LIMITED
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procurement
Procurement
is also done
nders issued

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AGAR KASHMIR
rediffmail.com
f 2022
from interested parties/persons
Department Kashmir as per
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security
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Cost of tender
document



SIPCOT

Projects-II/EC/Vallam Vadagal-II /2022

Date: 18.02.2022

The President,
Vallam Village Panchayat,
Sriperumbudur Taluk,
Kancheepuram District,
Tamil Nadu.

/RPAD/

Sir,

Sub: SIPCOT - Development of Vallam Vadagal Industrial Park - II including Industrial Housing Facility at Vallam A & B Village, Sriperumbudur Taluk, Kancheepuram District - Submission of Copy of Environmental Clearance issued by SEIAA - Regarding.

Ref: Lr.No.SEIAA-TN/F.7316/EC/8(b)/797/2022 dated: 02.02.2022.

With reference to the above, we have obtained Environmental Clearance (EC) for the proposed Establishment of Vallam Vadagal Industrial Park - II including Industrial Housing Facility in an area of 131.73 hectares (325.36 acres) at Vallam A & B Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu from SEIAA, TN. The copy of Environmental Clearance has been enclosed here with for your kind perusal.

Yours faithfully,

Sd/--

GENERAL MANAGER (P-II)

/Forwarded by Order/

N. Sankar
ASSISATANT MANAGER (P-II)

Encl: As above.

Copy to:

The Project Officer,
SIPCOT Industrial Park, வல்லம் ஊராட்சி மன்றம்,
Vallam Vadagal.

/BY MAIL/

State Industries Promotion Corporation of Tamil Nadu Limited

(A Government of Tamil Nadu Undertaking)

CIN : U74999TN1971SGC005967

Regd. Office : 19-A, Rukmani Lakshmipathy Road, Post Box No.7223, Egmore, Chennai - 600 008.

Phone : 45281777 Fax : 45281798 Website : www.sipcot.tn.gov.in

ENVIRONMENTAL MANAGEMENT CELL

1. INTRODUCTION:

- 1.1. For effective implementation and monitoring of environmental management system, it is necessary to have a permanent organizational set-up as Environmental Management Cell (EMC). This is done by assigning responsibility to the concerned personnel for implementation of environmental control measures.
- 1.2. SIPCOT Environmental Management Cell consist of 7 team members headed by SIPCOT Managing Director, General Manager (Projects), Manager and two Environmental Consultants assisted by two Office Staffs which will enforce and implement the Environmental Plan.
- 1.3. The Organization of Environmental Management Cell (EMC) proposed is given in **Figure - 1**.



Figure - 1 Organogram for Environmental Management Cell

2. RESPONSIBILITIES OF ENVIRONMENTAL MANAGEMENT CELL:

- 2.1. Environmental Management Cell (EMC) shall obtain all applicable statutory clearances and approvals as mandated by the regulatory authorities and maintain the Industrial Parks in compliance with all applicable rules and regulations.
- 2.2. Other responsibilities of the cell will include:
 - a) Review the progress of regulatory compliance of SIPCOT and initiate necessary action for the compliance of the same.
 - b) The EMC will review, implement, update, and comply with the Environment Policy to ensure the effective implementation of environmental safeguard measures.
 - c) Keeping the Board updated on regular basis about the activities carried out under environmental measures and suggests measures to improve environment preservation and protection.
 - d) Encourages allottee units to implement, adopt and use of green and sustainable technologies such as Solar, Wind, Thermal, Biomass, Electric & Hybrid vehicles, etc. to achieve more resource-efficient, clean and resilient growth towards reducing pollution during their process, manufacturing and transportation of goods and encourages energy recovery for self sustainability from their Industrial process.
 - e) Mandate industries to reduce the use of one time use plastics, Styrofoam, and other plastic material during the packing and delivery of goods.

Table – 1: Roles and responsibilities of EMC

S.No.	Designation	Responsibilities
1	Managing Director	➤ Responsible for overall environmental management. ➤ Regularly conduct meeting with EMC and take feedback regarding all the activities performed under Environmental Management and give directions to succeeding component. ➤ Approval of funds for carrying out environmental management activities.
2	GM – Projects	➤ Keep aware about all the activities performed under EMC in the industrial parks. ➤ Issuing direction to Project officers for implementing Greenbelt development, Storm water management, rain water harvesting, etc. ➤ To deal with legal entity pertaining to environmental issues.
3	Manager	➤ To prepare and allocate budget for Environment Management Plan. ➤ Ensuring compliance to the conditions prescribed by statutory authority. ➤ Mandating member industries to comply with the conditions stipulated in the statutory approvals and non-compliance if any shall be reported to GM and immediately required action will be taken.
4	Environmental Consultants (Two)	➤ Obtaining Statutory Approvals from MoEF&CC / SEIAA / TNPCB, etc. ➤ Addressing the various queries received from statutory authorities on environmental front. ➤ Submitting Environmental compliance report and coordinating with project officers for Environmental monitoring, audit, etc. ➤ Compliance with the environmental laws and implications which dynamically changes from time to time due to the emerging challenges.



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Annexure-13

Date: 13.04.2022

Projects-II/EIA/VV-II/EC/2022

The Member Secretary,
State Level Environment Impact Assessment Authority,
3rd Floor, Panagal Maligal,
No1. Jeenis Road, Saidapet,
Chennai-600015.

Sir,

Sub: SIPCOT - Request for revision of points in Environmental Clearance issued for the proposed 'Development of Vallam Vadagal Industrial Park - II including Industrial Housing Facility in an area of 131.73 Hec (325.36 acres)' at Vallam A and Vallam B Villages of Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu - Submitted - Reg.

Ref: 1. EC File No: 7316/2020
2. EC Identification No. EC22B039TN177183
3. EC issued vide Letter No. SEIAA-TN/F.No.7316/EC/8(b)/797/2022 dated 02/02/2022

With reference to the above subject, we request for revision of the following points in the EC:

S. No.	Points requested for revision	Revision needed
1.	Page No. 3 and Page No. 12, it is mentioned as 8(b) - 'B2' category.	The project fall under 8(b) - 'B1' category. Hence, the point shall be revised to 'B1' Category.
2.	Page No. 5, Project details No. 6 Built up area details S.No.11 Roads -24428.20 sq.m	Road area in Industrial Housing Facility is 26,737.65 sq.m, which is mentioned in S.No.8. But again the road area of 24,428.20 sq.m. is wrongly mentioned in S.No.11. Hence, it is requested to remove road area mentioned in S.No.11.
3.	Page No. 8, Wastewater management. S.No. 2 - sewage from industries in existing column is mentioned as 435 KLD	As per the earlier issued EC / existing sewage water was envisaged at 405 KLD. It is requested to revise the existing sewage quantity as 405 KLD.
4.	Page No. 12, SEAC remarks No. 1, The Project Proponent shall continuously operate & maintain Sewage Treatment Plant & Grey water treatment plant to achieve standards prescribed by CPCB/TNPCB.	SIPCOT has not proposed STP in the Industrial Park. The individual industries will be having their own STP/ ETP as applicable and treat the wastewater generated as per norms.

22 APR 2022

State Industries Promotion Corporation of Tamil Nadu Limited

(A Government of Tamil Nadu Undertaking)

CIN : U74999TN1971SGC005967

Regd. Office : 19-A, Rukmani Lakshmipathy Road, Post Box No.7223, Egmore, Chennai - 600 008.



SIPCOT

S. No.	Points requested for revision	Revision needed
		SIPCOT in its lease deed will instruct the individual units to install sewage and wastewater treatment and recycling plant and steps to recover and recycle the wastewater thereby achieve zero liquid discharge as per the norms stipulated by TNPCB/CPCB. It is requested to exempt this condition from the EC.
5.	Page No.21, Part B Specific conditions Pre construction No. 13. The proponent shall prepare completion plans showing separate pipelines marked with different color codes with following details • Location of STP, compost system, underground sewer line • Pipeline conveying treated effluent for green belt • Pipeline conveying treated effluent for toilet • Water supply pipeline • Gas supply pipeline if proposed • Telephone cable • Power cable • Storm water drain • Rainwater harvesting system shall be made available to the owners.	SIPCOT has not proposed STP in the Industrial Park. The individual industries will be having their own STP/ ETP as applicable and treat the waste water generated as per norms. It is requested to exempt this condition from the EC.

We request your good selves to kindly revise the above points in the Environmental Clearance at the earliest.

Thanking you,

Yours faithfully
Sd/-

MANAGING DIRECTOR

//Forwarded by Order//

H. Prathapathy
GENERAL MANAGER (P-II)

Copy to:
The Project Officer,
SIPCOT Industrial Park, Vallam Vadagal.

State Industries Promotion Corporation of Tamil Nadu Limited
(A Government of Tamil Nadu Undertaking)

CIN : U74999TN1971SGC005967

Regd. Office : 19-A, Rukmani Lakshminipathy Road, Post Box No.7223, Egmore, Chennai - 600 008.

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All Bookmarks

Mambakkam for Dec 2025	2025
Compliance Report - Theni for Dec 2025	Compliance Report - Nedumpulli for Dec 2025
Compliance Report - Virudhunagar for Dec 2025	Environmental Statement for the Financial Year - 2024 - 2025
Compliance Report - Vaniyamalle for Dec 2025	Compliance Report - Sivagangai for Dec 2025
Compliance Reports - Dharmapuri for Dec 2025	Compliance Reports - Varapoti for Dec 2025

Show Less

Office Address

Address
19-A, RUKMANI
LAKSHMIPATHY ROAD
EGMORE, CHENNAI - 600
008.

SIPCOT
Govt of Tamil Nadu

Information

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Dr. K P Jaya

Project coordinator & Professor

Anna University
Structural Engineering Division
Chennai – 600025, INDIA

☎ 94440 18663 (M)
(044) 2235 7408 (O)
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kpjaya@nayan.co.in

06.07.2024

To

The Superintending Engineer
State Industries Promotion Corporation of Tamilnadu
No.19 -A, Rukmani Lakshmipathy Road
Egmore, Chennai – 600 008

Dear Sir,

Sub: Vetting of Structural Design and drawing of the Proposed Construction of Industrial Housing Facility (Dormitory) Building for employees of M/s.Foxconn Hon Hai Technology India Mega Development Pvt.Ltd at SIPCOT Industrial Park, Vallam, Vadagal, Chennai-Reg

Ref: 1. Lr. No: 01/ID/AHP/VV/2020 -21 Dated:22.02.2021 from your office
2. Lr. No. CW/SIP/VV/Progress, file/2022 dated 21.06.2024 from your office

With the ref.1 cited above, we had accepted to verify the structural design calculation for the Proposed Construction of Industrial Housing Facility (Dormitory) Building for employees of M/s. Foxconn Hon Hai Technology India Mega Development Pvt. Ltd. at SIPCOT Industrial Park, Vallam, Vadagal, Chennai, based on the inputs given by M/s. Vignesh Consultants Pvt. Ltd., and SIPCOT such as (i) Copy of the soil investigation report (ii) Structural design and detailing (iii) Architectural Drawings.

Our team has completed the checking of structural design and stability of the structure as per the model given by M/s. Vignesh Consultants Pvt. Ltd as well as based on the model developed by us. We have verified the construction sequence and execution of works carried out by M/s.Ramalingam Construction Company Pvt.Ltd at the specified site (Ref.2). It is certified that the Structural Design and the constructed facility for the Dormitory Building is found to be satisfied with the codal requirement as per relevant I.S.Codes.

Thanking you

Yours sincerely,

(K.P. Jaya)

Dr. K.P. JAYA
Professor
Division of Structural Engineering
Department of Civil Engineering
Anna University, Chennai - 600 025.

Annexure-16

Photographs of LED lights

SIPCOT



Industry photograph RAJRATAN



Fire protection photographs

Industrial Housing



Industry photograph

RAJRATAN



Photographs of First Aid Facility

Industrial Housing



Industry name: RAJRATAN



PHC adjacent to SIPCOT



Photographs of Greenbelt**SIPCOT****Industry Name: RAJRATAN**

Photographs of Storm drain

Industrial Housing



**Industry photograph
RAJRATAN**



Photograph of STP& ETP of member unit

Industry Name: RAJRATAN

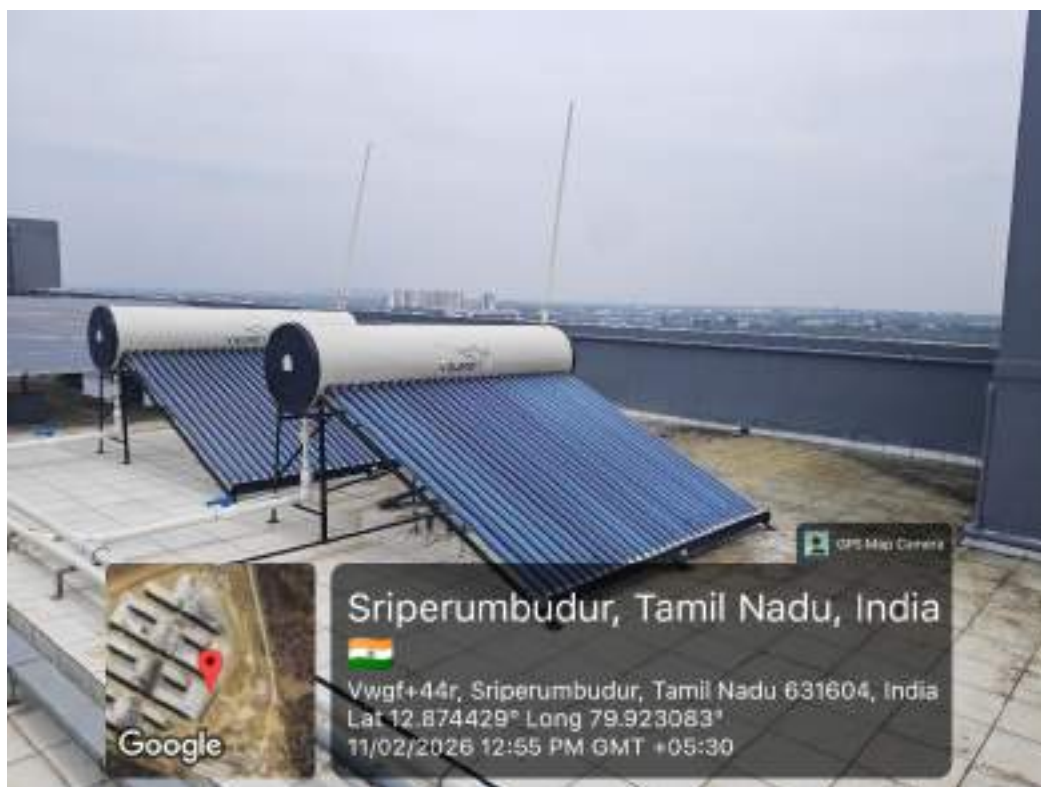




Photograph of Industrial Housing STP facility



Solar Panel Photographs of Industrial Housing





Photographs of DG Stack

Industrial Housing



Industry Name: RAJRATAN



Photographs of RWH Structures

Industry Name: RAJRATAN



Photograph of Solid Waste Management Facility

Industry Name: RAJRATAN



Photograph of Parking area

Industry Name: RAJRATAN



Photograph of Lightning arrester



Photographs of Creche Facility

SIPCOT



Photograph of Drinking water facility

Industrial Housing

