



EC/Aerospace/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 Aerospace Park – Submission of Half Yearly Compliance Report for June 2026 (i.e., for the period of October 2025 to March 2026) - Reg.

Ref: EC vide SEIAA-TN/F.NO-4262/2015/8(b)/EC-471/KPM/2016dated 19.05.2015

We hereby submit the Half Yearly Compliance Report for the Development of Aerospace Park at Vallam and Vadagal 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



/2/

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)

CIN : U74999TN1971SGC005967

Regd. Office : 19-A, Rukmani Lakshmipathy Road, Post Box No. 7223, Egmore, Chennai - 600 008.
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HALF YEARLY ENVIRONMENTAL COMPLIANCE REPORT

For the Period of October 2025 – March 2026

For

“Development of Aerospace Park”

At

**Vallam and Vadagal Villages, Sriperumbudur Taluk,
Kancheepuram District, Tamil Nadu.**

**EC obtained vide Letter No. SEIAA-TN/F.NO-4262/2015/8(b)/EC-471/KPM/2016 dated
19.05.2016**

Submitted by



M/s. STATE INDUSTRIES PROMOTION CORPORATION OF TAMILNAD LTD,

**19/A, Rukmani Lakshmipathy Road,
Egmore, Chennai-600008.**

May 2026

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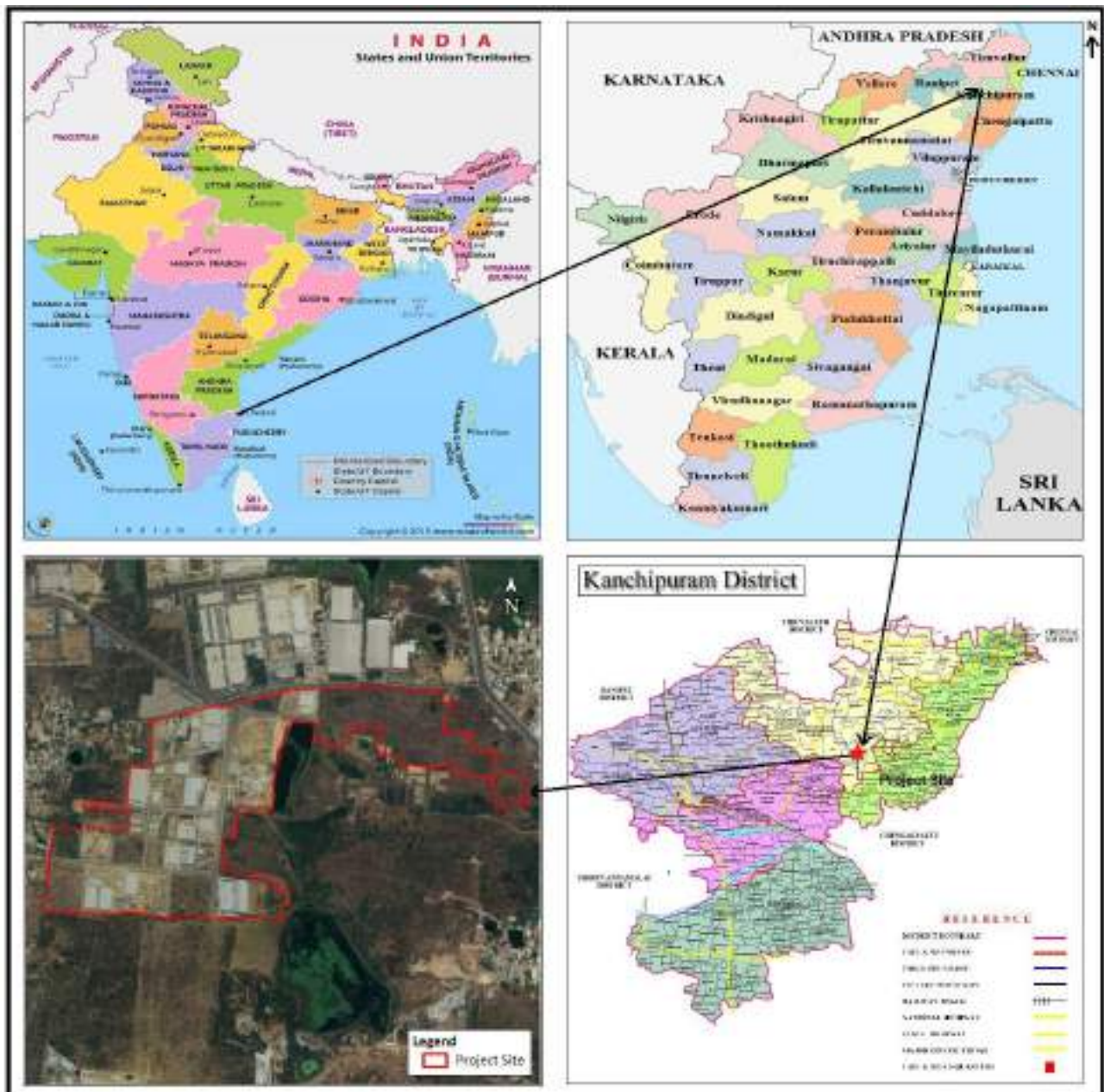
LIST OF ANNEXURES

S. No	List of Contents
Annexure 1	Copy of Environmental Clearance
Annexure 2	CMWSSB Approval letter
Annexure 3	Consent to Establishment copy
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Annexure 6	Screenshot of EC copy uploaded in SIPCOT website
Annexure 7	Screenshot of Six-monthly Compliance uploaded in SIPCOT website
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Annexure 19	Photographs of parking area
Annexure 20	Photographs of STP

1. PROJECT DETAILS

Name of the Project	SIPCOT Aerospace Park
Name of the Proponent	M/s. State Industries Promotion Corporation of Tamil Nadu Limited (SIPCOT)
Location	Vallam and Vadagal Villages, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu.
EC. No.	SEIAA-TN/F.NO-4262/2015/8(b)/EC-471/KPM/2016 dated.19.05.2016 (Enclosed as Annexure -1)
Area Details	98.96 Hectare
Water Requirement	Total Water requirement: 0.25 MGD Source: CMWSSB TTRO Water / Chembarambakkam Lake Water Supply Letter is enclosed as Annexure-2.
Project Cost	Rs. 100 Crores

2. LOCATION MAP



3. SITE PHOTOGRAPHS



Industries Photographs



4. SIX MONTHLY ENVIRONMENTAL CLEARANCE COMPLIANCE STATEMENT

Part (A)- Conditions For Pre-Construction Phase

S.NO	CONDITION	STATUS OF COMPLIANCE
1.	The project authorities should advertise with basic details at least in two local newspaper widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at website of SEIAA, TN and a copy of the same should be forwarded to the Regional Office of the Ministry of Environment and Forests located at Chennai.	Condition complied. We, SIPCOT have advertised in two local newspapers in Tamil and English that we have obtained Environmental clearance from SEIAA /TN along with the details of SEIAA website where it is displayed Newspaper advertisement is enclosed as Annexure – 11.
2	In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/ SEIAA shall be obtained.	Condition Noted. There is no change in the scope of the project.
3	A copy of the clearance letter shall be sent by the proponent to the Block development officers of Panchayat union and the Local NGO, if any, from whom suggestions /representations, if any, have been received while processing the proposal. The clearance letter shall also be put on the website of the Proponent.	Condition complied. Environmental Clearance copy has been uploaded on website. Same is enclosed as Annexure - 6.
4	"Consent for Establishment" shall be obtained from the Tamil Nadu Pollution Control Board and a copy of the same shall be submitted to the SEIAA, Tamil Nadu before start of construction activity at the site.	Condition Complied. Consent for Establishment has been obtained from the Tamil Nadu Pollution Control Board and a copy of the same is enclosed as Annexure -3.
5	Any appeal against this environmental clearance shall lie with the Hon'ble National Green Tribunal, if preferred, with in a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act,2020.	Condition noted. There are no appeal lies against this project.

6	The approval of the competent authority shall be obtained for structural safety of the buildings during earthquake, adequacy of firefighting equipments, etc as per National Building Code including protection measures from lightning etc.	All the member industries will be mandated to obtain all necessary statutory clearances and approvals. Fire protection equipment photograph is enclosed as Annexure – 16 .
7.	All required sanitary and hygienic measures should be in place before starting construction activities and they have to be maintained throughout the construction phase.	Condition noted.
8.	Design of buildings should be in conformity with the Seismic Zone Classifications.	Condition noted.
9	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.	All the member industries will be mandated to obtain all necessary statutory clearances and approvals.
10.	SIPCOT 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, it is liberty to the Developer to make fresh application for EC before the concerned authority if the Developer so desires to allot/sale the industrial plot for the individual industry to house category A or category B type of industry as prescribed in the schedule of EIA notification 2006 for fresh Environment Clearance (EC).	Condition noted.

(B). CONSTRUCTION PHASE

Construction Phase	Not applicable since construction was completed.
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Consent to establish has been obtained from TNPCB, CTE copy is enclosed as **Annexure-3**. Individual Industries are mandated to obtain CTE & CTO.

(C). OPERATION PHASE

S.NO	CONDITION	STATUS OF COMPLIANCE
14	SIPCOT shall ensure that the water bodies shall be kept in their natural course without any change in its alignment, direction, capacity etc during entire operation phase of the project.	Condition is being complied. Water bodies are kept in their natural course and will not be disturbed.
15	SIPCOT shall also ensure that the catchment area of the adjacent lakes shall not be disturbed or realigned or redistributed or restricted etc. during the entire operation phase of the project.	Condition is being complied. Catchment area of the adjacent lakes is not being disturbed or realigned or restricted.
16	No bund shall be formed around the premises of SIPCOT which obstruct the rain water flow to the lakes located abetting the Industrial Park.	Condition Noted. There is no bund formation around the premises of SIPCOT.
17	SIPCOT shall mandate all member units to ensure that the treated sewage/ trade effluent collection, storage and Reuse system shall not have any access to the water bodies. All precautionary steps shall be effectively taken and shall be continuously monitored by the Developer so as to prevent discharge of the treated sewage/ trade effluent into canal/ Lakes.	Condition complied. SIPCOT has mandated to all member units to have their own STP and ETP with zero liquid discharge system and to handle their own domestic waste water as per the prescribed standards. Surface water monitoring report are enclosed as Annexure – 4 .

18	SIPCOT shall ensure that only after rehabilitation & Resettlement i.e., after making payment to all the land owners, as per law, the land can be allotted to the member industries.	The land was acquired under the provisions of Land Acquisition Act for industrial purpose. We have strictly followed all the provisions mentioned in the Act while acquiring the land.
19	The lands under litigation shall not be sold/handed over to any industry till the judgment is finalized and delivered in favour of SIPCOT by the concerned court.	Condition is being complied.
20	SIPCOT shall ensure that the Green Belt Development as committed including the premises owned by the individual industries and a saving clause in the allotment/sale deed executed with every industry shall be provided.	Condition Noted. Greenbelt is being developed within the industrial park. All the member units are instructed to comply with. The Green belt Photograph is attached as Annexure – 14.
21	SIPCOT shall ensure that no CETP/CMSWTSF shall be provided for the sewage, trade effluent, municipal solid waste generated from the individual industries except the facilities for the collection, storage and reuse of the treated sewage/ trade effluent /solid wastes by member units as per agreement to be made with the Member units.	Condition is being complied. SIPCOT has not developed CETP/CMSWTSF. Individual Industries are mandated to have their own ETP and STP plant with ZLD system and reuse the treated water for process/greenbelt. Further, Individual industries are handling their Solid Waste / Hazardous Waste generated within their premises. Photographs of STP is enclosed as Annexure-20.
22	The water requirement shall be met from the Chembarampakkam Lake (TTRO water) through CMWSSB as committed, by SIPCOT.	Condition complied. The water requirement is being met from the Chembarampakkam Lake / TTRO water through CMWSSB. CMWSSB approval letter is enclosed as Annexure- 2.

23	The measures contemplated in the EIA /EMP report shall be adhered to by the SIPCOT.	Condition noted.
24	SIPCOT shall mandate the member units of the Industrial Park to discharge emissions within permissible limits only and to install adequate APC. measures and to allot adequate area for green belt development and to install rain water harvesting structures.	Condition is being Complied. Industries are mandated to have their own Air Pollution control measures and install rain water harvesting structures and to develop adequate greenbelt. Ambient air quality monitoring and monitoring report is enclosed as Annexure 4. Greenbelt photograph is enclosed as Annexure -14. RWH photograph of member units is enclosed as Annexure -18.
25	SIPCOT shall mandate that all its unit shall furnish separate plan of action for disposal of treated sewage during monsoon months such as optimal/minimized usage of water, regulate the application of treated sewage to avoid stagnation etc.	Condition Noted.
26	The SIPCOT shall ensure that storm water drain provided at project site shall be maintained without chocking for stagnation and should also ensure that the storm water shall be properly disposed in the natural drainage course.	Condition is being complied. Storm water drain photograph is enclosed as Annexure 13.
27	SIPCOT shall conduct EIA study for one season excluding rainy season for. All parameters such as water, air, noise, waste water etc and submit to SEIAA before March 2017.	Condition complied.

28	A separate cell shall be formed and kept in readiness with suitable trained personnel for handling of firefighting equipments / operations.	Condition complied. Separate environmental management cell has been assigned for implementation monitoring and compliance of the environmental safeguards. Details of Roles and responsibilities of Environment cell with Organogram is attached as Annexure – 12. Further, individual industries have fire fighting systems and qualified trained personnel for handling of firefighting equipment operations. Fire protection photograph is enclosed as Annexure - 16.
29	A First Aid Room shall be provided with qualified personnel during operation of the project.	Condition is being Complied. Photograph of medical facility is enclosed as Annexure - 17.
30	Adequate fire protection equipments and rescue arrangements should be made.	Condition is being Complied. Individual industries has fire protection systems and rescue arrangements within their premises to ensure safety during emergencies. Fire protection equipment and rescue arrangement and the same is enclosed as Annexure-16.

31. SIPCOT as well as its member units shall be mandated to comply the following conditions:

S.NO	CONDITION	STATUS OF COMPLIANCE
a.	The SIPCOT shall ensure that rain water collected from the covered roof of the buildings, etc shall be scientifically harvested so as to ensure the maximum beneficiation of rain water harvesting.	Condition is being complied. Individual industries have provided rainwater harvesting facility. Rainwater harvesting photographs are enclosed as Annexure-18.
b.	SIPCOT shall mandate all its member units that Rain water harvesting for surface run-off, should be filtered before recharging the surface run off, pre- treatment with screens, settlers etc. must be done to remove suspended matter, oil and grease.	Condition is being complied. Individual industries have provided rainwater harvesting facility. Rainwater harvesting photographs are enclosed as Annexure-18.
c.	The proponent should also ensure to keep necessary road width as per O.M. dated 7.2.12 of MOEF, GOI, New Delhi to high rise buildings.	Condition complied.
d.	The Plastic wastes shall be segregated and disposed through authorized recyclers.	Condition Noted. SIPCOT has instructed the individual industries to handle and dispose the solid waste (including plastic waste) as per the TNPCB norms.
e.	The acoustic enclosures shall be installed at all noise generating equipments such as DG sets, air conditioning systems, etc, and the noise level shall be maintained as per MoEF/ CPCB / TNPCB guidelines/ norms both during day and night time.	SIPCOT has not proposed any DG sets within the project site / common amenities. However, Individual industries shall comply with the CPCB / TNPCB Norms, in accordance with their consent order. Noise monitoring report is enclosed as Annexure -4.

f.	The greenbelt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use. The open spaces inside the plot shall be suitably landscaped and covered with vegetation of suitable variety.	Greenbelt is being developed within the Industrial Park. The Greenbelt Photographs are attached as Annexure -14.
g.	Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. A hybrid system or fully solar system for a portion of the buildings shall be provided.	Condition noted. Individual industries are utilizing solar energy.
h.	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.	Condition is being complied. No traffic congestion near the entry and exit points from the roads adjoining the proposed project site. Parking is fully internalized. Photographs of parking area is enclosed as Annexure-19.
i.	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 factor etc and submitted to the SELAA in three month's time.	Condition noted. SIPCOT has developed only infrastructure facilities such as roads, streetlights, water supply system, greenbelt, etc. and will allot the plot to individual industries. Hence, energy conservation measures are being implemented by the individual industries. LED lights photographs are enclosed as Annexure -15.
j.	Incremental pollution loads on the ambient air quality, noise and water quality shall be periodically monitored after commissioning of the project.	Condition is being complied. Environmental monitoring reports is enclosed as Annexure - 4.
k.	SIPCOT shall collect periodical water samples in the adjacent lakes and sufficient well water	Condition is being complied. Periodical ground water analysis is

	samples at least once in 3 months for physio-chemical and biological analysis and shall keep the baseline data for record. The compiled annual Report of Analysis shall be forwarded to TNPCB to ascertain the changes in the quality of the lake water, if any followed by remediation / action.	being conducted. The monitoring report is enclosed as Annexure – 4.
32	It is mandatory for the Project proponent to furnish to the SEIAA, half yearly compliance report in Hard and Soft copies on 1st June and 1st December of each calendar year in respect of the conditions stipulated in the prior Environmental Clearance.	Condition is being complied. Half yearly compliance report in hard and soft copies is being submitted Screenshot of EC Compliance report uploaded in SIPCOT website is enclosed as Annexure – 7. Proof of submission of six-monthly reports to Competent Authorities is enclosed as Annexure-8.
33	The SEIAA reserves the right to add additional safeguard measures subsequently, if found noncompliance of EC conditions and to take action including revoking of this Environmental Clearance as the case may be.	Condition noted.
34	Under the provisions of Environment (protection) Act, 1986, legal action shall be initiated against the project proponent, if it was found that Construction of the project has been started without obtaining Environmental Clearance, and for action for any Violation of any condition stipulated in the Environmental Clearance.	Condition noted.

35	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, Chennai and the TNPCB.	Condition is being complied. Screenshot of EC compliance report uploaded in SIPCOT website is enclosed as Annexure – 7. Proof of submission of six monthly reports to Competent Authorities is enclosed as Annexure -8.
36	A copy of the clearance letter shall be sent by the proponent to the Block Development Officer and the Local NGO, if any, from whom suggestions/representations, if any, have been received while processing the proposal. The clearance letter shall also be put on the website of the proponent.	Condition complied. Environmental Clearance letter has been uploaded on website. Same is enclosed as Annexure -6.
37	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 due to exposure to dust and take corrective measures, if needed.	Condition Noted.
38	Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purposes schedule of health examination of the workers should be drawn and the workers shall be provided with personnel protective masks, gloves, boots etc.	Condition Noted.

39	The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Chennai.	Condition Noted.
40	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.
41	The environmental statement for each financial year ending 31 st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions' and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chennai by e-mail.	Condition is being complied. Environmental statement for each financial year ending 31st March in Form- V is submitted to TNPCB Proof of dispatch of Form V to TNPCB and the screenshot of uploading the environmental statement in SIPCOT website is enclosed as Annexure- 9 & Annexure-10.
42	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.
43	The SEIAA, TN may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	Condition noted.

44	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.
45	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.
46	The above conditions will be enforced inter-alia, under the provisions of the Water (prevention & Control of Act, 1974, the Air (prevention & Control of Pollution) Act, 1981, the Environmental (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 and rules made there under and also any other orders passed by the India / Hon'ble High Court	Condition complied. Consent for Establishment has been obtained from the Tamil Nadu Pollution Control Board and a copy of the same is enclosed as Annexure -3.

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 Ltd. (NABL Accredited laboratory) during the period of **October 2025 –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 –March 2026 is enclosed 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 –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 –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 of October 2025 –March 2026. The test report of bore well water 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 –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 – March 2026.
2. All the conditions stipulated in Environmental Clearance are complied/ being complied / will be complied.



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY – TAMIL NADU
ENVIRONMENTAL CLEARANCE

Dr. S. Kalyanasundaram, I.F.S.(Retd.) Chairman 3rd Floor, Panagal Maaligai, No.1, Jeenis Road, Saidapet, Chennai-600 015. Telephone No. : 044-2435 9973 E-mail-cmantnseiaa@yahoo.com	To: Dr.R.Selvaraj,I.A.S Managing Director(SIPCOT) SIPCOT Aerospace Park 19-A, Rukmani Lakshmipathy Road, Post BoxNo-7223,Egmore, Chennai-600 008. Email-sipcot@md3.vsnl.net.in
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Lr.No.SEIAA-TN /F.No- 4262/2015/8(b)/EC-471/KPM/2016/dated 19.05.2016

Sir,

Subject :- SEIAA-TN - M/s. SIPCOT Aerospace Park, Vallam Vadagal Village, Sriperumbudur Taluk, Kancheepuram District, for the proposed Aerospace project of area 244.53 acres (99 ha), under category B, schedule No-8(b) - Issue of Environmental Clearance- Reg.

This has reference to your application dated 07.10.2015 and further communication on the above mentioned subject.

The project activity is covered in 8(b) of the Schedule and falls under 'B1' category. As per the amendment dated 01.12.2009 to the EIA notification, 2006, the industrial estate of area less than 500 ha but containing building and construction projects > 20,000 sq.m and or development area more than 50 ha will be treated as activity listed at serial no. 8 (a) or 8 (b) in the schedule as the case may be.

In this proposal, no 'A' or 'B' category industry has been proposed to be housed and also the development area (98.96 ha) is more than 50 ha and hence, this project is considered as 8 (b) category which requires EIA report and does not require Public Consultation, as per Para 7(i) III Stage (3) (d) 'Public Consultation' of EIA Notification, 2006.

The proposal was considered as per the EIA Notification, 2006, by the State Level Expert Appraisal Committee, Tamilnadu in its 72nd meeting and decided to recommend the project for issue prior environment clearance by SEIAA, and SEIAA after careful consideration decided to


CHAIRMAN
SEIAA-TN
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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY – TAMIL NADU
ENVIRONMENTAL CLEARANCE

issue Environmental Clearance in its 175th meeting held on 19.05.2016 vide item no. 175 – 7 based on the information submitted by you which are extracted below.

Sl.No	Particulars	F.No.-4262/2015.
1.	(i) Name of the Project	M/s. SIPCOT AEROSPACE PARK
2.	(ii) Site Address	Annexure - I
3.	Name, address, e-mail & contact number of Proponent	- Name: Dr.R.Selvaraj, IAS, M.D-SIPCOT - Address: 19-A, Rukmani Lakshmipathy Road, Egmore, Chennai 600008 - Telephone Number: 044-28554514 - Mobile Number: 9841459919 - Email id: cmdsipcot2014@gmail.com
4.	Name, address, e-mail & contact number of Consultant	- Name: Dr.V.Nehrukumar PhD - Address: Centre for Environment, Health & Safety Annamalai University, Chidambaram 608002 - Telephone Number: 04144-238731 - Mobile Number: 9443223091 - Email id: centreforshs@gmail.com
5.	Accreditation of Consultant (NABET accreditation)	Accredited by QCINABET for industrial estates / parks / complexes / areas / export processing zones / special economic zones / biotech parks / leather complexes A & B Category projects.
6.	New project/Expansion in existing project / Modernization/Diversification in existing Project.	New Project – SIPCOT is proposed to develop Engineering & Allied industries towards manufacturing, repair and maintenance of Aerospace components. R&D not included. As a developer, the SIPCOT has proposed to provide infrastructure facilities like road, water, and other ancillary infrastructure .The land will be allotted to potential Industries based on comprehensive assessment of their application in terms of investment, technology, employment etc



**STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY – TAMIL NADU
ENVIRONMENTAL CLEARANCE**

7.	If expansion / Diversification, whether environmental clearance has been obtained for existing project.	Not Applicable
8.	Activity schedule in the EIA Notification	8 (b) - B2.[Industries Not attracting EIA Notification]. Member units to take Consent from the TNPCB individually
9.	Area Details	- Total Plot area (sq. m): 98.96 Ha. (> 50Ha). i) Area allotted to Member Industries - 196.68 acres- (795939.98sq.mt) ii) Road area – 20.85 acres (94377.30 sq.mt) iii) Common facilities - 2.55 acres(10319.53 sq.mt) iv) Green Belt – 73.62 acres(297930.79sq.mt). Total Plot Area - 244.53 acres (98.96 ha).(400478.55sq.mt).
10.	Name of the Notified Industrial area	SIPCOT Industrial Estate [G.O M.S.No. 3 dated 6.1.2009].
11.	TOR given by SEAC? (If yes, then specify the meeting)	Yes, 68 th SEAC meeting held on 26 th , 27 th & 28 th Oct 2015. Lr.No. SEIAA-TN /F.No.4262/2015/8(b)/ToR No – 229 / 2015 / dated 03.11.2015. [Public hearing is not mandated since the project falls under Item No - 8 of the schedule to EIA Notification].
12.	Estimated capital cost of the project (including cost for land, building, Plant and machinery Separately)	Rs.100 /- Crores
13.	Location Details of the Project:	- Latitude: 79°54'55.02"E to 79°56'4.76" - Longitude:12°53'32.96" N to 12°52'55.5"N - Location: Vallam Village, Sriperumbudur Taluk, Kancheepuram District. - Elevation above Mean Sea Level (Meters): +53.85
14.	Distance from the protected Areas/ Critically polluted areas/Eco-Sensitive areas/inter-state	There is no protected areas/critically polluted areas/eco-sensitive areas/inter-state boundaries within the impact area of 10 km radius

Kalyanesh
CHAIRMAN
SEIAA-TN



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY – TAMIL NADU
ENVIRONMENTAL CLEARANCE

	boundaries	
15.	Raw Materials (including process, chemicals, catalysts and additives.	Not Applicable; since it is an infrastructure development project.
16.	Production details	Not Applicable ; since it is an infrastructure development project.
17.	Process details/Manufacturing Details	The Proposal is to develop an Industrial Park to promote industries for manufacturing, testing, etc of Aerospace and Avionic industrial sector.[No R & D activity proposed].
18.	Rain Water Harvesting (RWH)	• Level of the ground water table: 30 feet - All the allottee industries will be mandated to install rainwater harvesting structures in their premises.
19.	Total Requirement Water	Total Water requirement: 0.25 MGD • Fresh water : 1150 KLD • [Member units- 1100KLD+Green belt-50 KLD]. • Source: Supplied by metro water through captive pipelines from Chembarambakkam or TTRO water
20.	Storm Water drainage	• Natural Water drainage system: All along the roads of SIPCOT Park as open collection systems. The collected water will be used for ground water recharge and fed into nearby lake or pond with permission from concerned authority. • Quantity of storm water: 100000 cubic meter • Size of SWD: 7756 cubic meter
21.	Sewage Generation and Treatment	• Individual member units will be mandated to treat sewage generated to prescribed standards before disposal.
22.	Effluent generation and ETP Details	• Individual member units will be mandated to treat effluent generated to prescribed standards before disposal
23.	Solid waste Management	• Individual member units will be mandated to collect, store and dispose solid/hazardous waste to be generated as per Solid waste Rules/Hazardous Waste management Rules notified.
24.	Energy	Power Supply: Through TNEB grid
25.	Green Belt Development	• Green Belt area (Sq. mt): 297929.57 Sq.mt.



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY – TAMIL NADU
ENVIRONMENTAL CLEARANCE

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		Green belt will be developed based on the advice of DFO, Kanchipuram.			
26.	Environmental Management plan Budgetary allocation		Sl.No.	Details	Capital cost (lakhs)
			1.	Environment Monitoring and Management	25.00
			2.	Green Belt	100.00
				Total	125.00
27	EIA Submitted (If yes then submit the salient features)	Period of data collected: February to March 2015			

Validity:-

The SEIAA-TN hereby accords Environmental Clearance to this project under the provisions of the EIA Notification 2006 as amended, with Validity for Seven years from date of issue subject to the strict compliance of the terms and conditions stipulated below:

SEIAA
SEIAA
TN

(A) Conditions for Pre Construction Phase:-

1. The project authorities should advertise with basic details at least in two local newspaper widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at website of SEIAA, TN and a copy of the same should be forwarded to the Regional Office of the Ministry of Environment and Forests located at Chennai.
2. In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained.

Kalyanesh
CHAIRMAN
SEIAA-TN



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY – TAMIL NADU
ENVIRONMENTAL CLEARANCE

3. A copy of the clearance letter shall be sent by the proponent to the Block development officers of Panchayat union and the Local NGO, if any, from whom suggestions /representations, if any, have been received while processing the proposal. The clearance letter shall also be put on the website of the Proponent.
4. "Consent for Establishment" shall be obtained from the Tamil Nadu Pollution Control Board and a copy of the same shall be submitted to the SEIAA, Tamil Nadu before start of construction activity at the site.
5. 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.
6. 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.
7. All required sanitary and hygienic measures should be in place before starting construction activities and they have to be maintained throughout the construction phase.
8. Design of buildings should be in conformity with the Seismic Zone Classifications.
9. 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.
10. SIPCOT 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, it is liberty to the Developer to make fresh application for EC before the concerned authority if the Developer so desires to allot / sale the industrial plot for the individual industry to house category A or category B type of industry as prescribed in the schedule of EIA notification 2006 for fresh Environment Clearance (EC).



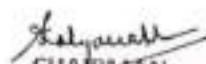
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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY – TAMIL NADU
ENVIRONMENTAL CLEARANCE

(B). Construction Phase

11. SIPCOT shall ensure that any construction/ development activity shall not change or alter the course of storm water flow either directly or indirectly and shall ensure that every precautionary step shall be taken to ensure the natural existence of waterways with respect to the nearby lakes.
12. SIPCOT shall mandate that all the member units shall be commissioned only after securing water supply connection from the Chembarambakkam Lake through CMWSSB by SIPCOT.
13. SIPCOT shall adhere the following conditions and also mandate the same for all its member units to adhere the conditions.
 - a. The excavated earth / construction debris must be used within the premises only.
 - b. The solid waste in the form of excavated earth excluding the top soil scientifically utilized for approach road and peripheral roads constructions.
 - c. All the top soil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.
 - d. Disposal of other construction debris during construction phase should not create any adverse effect on the neighboring communities and be disposed of only in approved sites with the approval of competent authority with necessary precautions for general safety and health aspects of people.
 - e. Adequate potable drinking water and sanitary facilities should be provided for construction workers at the site. The safe disposal of waste water and solid wastes generated during the construction phase should be ensured.
 - f. All required sanitary and hygienic measures should be in place before starting construction activities and they have to be maintained throughout the construction phase.
 - g. For disinfection of waste-water, system using ultra violet radiation shall be adopted.


CHAIRMAN
SEIAA-TN

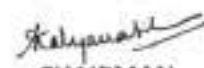


STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY – TAMIL NADU
ENVIRONMENTAL CLEARANCE

- h. For Solid-waste management, composting arrangements shall be provided for biodegradable waste at site.
- 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.
- j. A First Aid Room shall be provided with qualified personnel during operation of the project.
- k. Vehicles hired for bringing construction materials to the site should be in good operable condition and should conform to air and noise emission standards, prescribed by TNPCC/CPCB. The vehicles should be operated only during non-peak hours.
- l. Building materials composed wholly or partly of fly Ash should be used in the construction activities as per the provision of Fly ash Notification of September, 1999 as amended in August, 2003.
- m. Ready mixed concrete must be used in building construction.
- n. Storm water control and its re-use shall be as per CGWB and BIS standards for various applications.
- o. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices prevalent.
- p. Roof should be designed to meet prescriptive requirement of Energy Conservation Building Code (ECBC) by the use of appropriate thermal insulation material.
- q. Readiness with suitable trained personnel for handling of fire fighting equipments / operations.

(C).Operation Phase

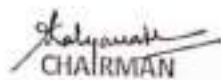
- 14. SIPCOT shall ensure that the water bodies shall be kept in their natural course without any change in its alignment, direction, capacity etc during entire operation phase of the project.


CHAIRMAN
SEIAA-TN
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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY – TAMIL NADU
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15. SIPCOT shall also ensure that the catchment area of the adjacent lakes shall not be disturbed or realigned or redistributed or restricted etc during the entire operation phase of the project.
16. No bund shall be formed around the premises of SIPCOT which obstruct the rain water flow to the lakes located abetting the Industrial Park.
17. SIPCOT shall mandate all member units to ensure that the treated sewage/ trade effluent collection, storage and Reuse system shall not have any access to the water bodies. All precautionary steps shall be effectively taken and shall be continuously monitored by the Developer so as to prevent the leakage or discharge of the treated sewage/ trade effluent into canal/ Lakes.
18. SIPCOT shall ensure that only after Rehabilitation & Resettlement i.e., after making payment to all the land owners as per law, the land can be allotted to the member industries.
19. The lands under litigation shall not be sold/handed over to any industry till the judgment is finalised and delivered in favour of SIPCOT by the concerned court.
20. SIPCOT shall ensure that the Green Belt Development as committed including the premises owned by the individual industries and a saving clause in the allotment/sale deed executed with every industry shall be provided.
21. SIPCOT shall ensure that no CETP/ CMSWTSF shall be provided for the sewage, trade effluent, municipal solid waste generated from the individual industries except the facilities for the collection, storage and reuse of the treated sewage/ trade effluent /solid wastes by member units as per agreement to be made with the Member units.
22. The water requirement shall be met from the Chembarambakkam Lake (TTRO water) through CMWSSB as committed, by SIPCOT.
23. The measures contemplated in the EIA /EMP report shall be adhered to by the SIPCOT.
24. SIPCOT shall mandate the member units of the Industrial Park to discharge emissions within permissible limits only and to install adequate APC measures and to allot adequate area for green belt development and to install rain water harvesting structures.
25. SIPCOT shall mandate that all its unit shall furnish separate plan of action for disposal of treated sewage during monsoon months such as optimal / minimized usage of water, regulate the application of treated sewage to avoid stagnation etc.


CHAIRMAN
SEIAA-TN



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY – TAMIL NADU
ENVIRONMENTAL CLEARANCE

26. The SIPCOT shall ensure that storm water drain provided at project site shall be maintained without chocking for stagnation and should also ensure that the storm water shall be properly disposed in the natural drainage course.
27. SIPCOT shall conduct EIA study for one season excluding rainy season for all parameters such as water, air, noise, waste water etc and submit to SEIAA before March 2017.
28. A separate cell shall be formed and kept in-readiness with suitable trained personnel for handling of fire fighting equipments / operations.
29. A First Aid Room shall be provided with qualified personnel during operation of the project.
30. Adequate fire protection equipments and rescue arrangements should be made.
31. SIPCOT as well as its member units shall be mandated to comply the following conditions:
 - a. The SIPCOT shall ensure that rain water collected from the covered roof of the buildings, etc shall be scientifically harvested so as to ensure the maximum beneficition of rain water harvesting.
 - b. SIPCOT shall mandate all its member units that Rain water harvesting for surface run-off, should be filtered before recharging the surface run off, pre-treatment with screens, settlers etc. must be done to remove suspended matter, oil and grease.
 - c. The proponent should also ensure to keep necessary road width as per O.M. dated 7.2.12 of MOEF, GOI, New Delhi with respect to high rise buildings.
 - d. The Plastic wastes shall be segregated and disposed through authorized recyclers.
 - e. The acoustic enclosures shall be installed at all noise generating equipments such as DG sets, air conditioning systems, etc. and the noise level shall be maintained as per MoEF / CPCB / TNPCB guidelines / norms both during day and night time.
 - f. The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use. The open spaces inside the plot shall be suitably landscaped and covered with vegetation of suitable variety.



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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY – TAMIL NADU
ENVIRONMENTAL CLEARANCE

- g. Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. A hybrid system or fully solar system for a portion of the buildings shall be provided.
- h. 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.
- i. 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.
- j. Incremental pollution loads on the ambient air quality, noise and water quality shall be periodically monitored after commissioning of the project.
- k. SIPCOT shall collect periodical water samples in the adjacent lakes and sufficient well water samples atleast once in 3 months for physio-chemical and biological analysis and shall keep the baseline data for record. The compiled annual Report of Analysis shall be forwarded to TNPCB to ascertain the changes in the quality of the lake water, if any followed by remediation / action.
32. It is mandatory for the Project proponent to furnish to the SEIAA, Half yearly compliance report in Hard and Soft copies on 1st June and 1st December of each calendar year in respect of the conditions stipulated in the prior Environmental Clearance.
33. The SEIAA reserves the right to add additional safeguard measures subsequently, if found non compliance of EC conditions and to take action including revoking of this Environmental Clearance as the case may be.
34. Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent, if it was found that Construction of the project has been started without obtaining Environmental Clearance, and for action for any violation of any condition stipulated in the Environmental Clearance.
35. 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


CHAIRMAN
SEIAA-TN
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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY – TAMIL NADU
ENVIRONMENTAL CLEARANCE

periodically. It shall simultaneously be sent to the Regional Office of MoEF, Chennai, the respective Zonal Office of CPCB, Chennai and the TNPCB.

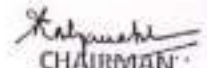
36. A copy of the clearance letter shall be sent by the proponent to the Block Development Officer and the Local NGO, if any, from whom suggestions /representations, if any, have been received while processing the proposal. The clearance letter shall also be put on the website of the proponent.
37. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
38. 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.
39. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Chennai.
40. 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.
41. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY – TAMIL NADU
ENVIRONMENTAL CLEARANCE

- Regional Office of the Ministry of Environment and Forests, Chennai by e-mail.
42. 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.
 43. The SEIAA, TN may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
 44. 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.
 45. 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.
 46. The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability Insurance Act, 1991, along with their amendments, draft Minor Mineral Conservation & Development Rules, 2010 framed under MMDR Act 1957, National Commission for protection of Child Right Rules, 2006 and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India / Hon'ble High Court of Madras and any other Courts of Law relating to the subject matter.

TN


CHAIRMAN
SEIAA-TN

Copy to:-

1. The Principal Secretary to Government,
Environment & Forests Department,
Govt. of Tamil Nadu, Fort St. George,
Chennai – 600 009.



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY – TAMIL NADU
ENVIRONMENTAL CLEARANCE

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 ACCF(C), Regional Office of MoEF,
34, hepe Building, I & 2 nd Floors,
Cathedral Garden Road, Nungampakkam,
Chennai - 600 034.
5. Monitoring Cell, I A Division,
Ministry of Environment & Forests,
Paryavaran Bhavan, CGO Complex,
New Delhi 110003.
6. The District Collector, Dt. Collectorate,
Kancheepuram District.
7. The Commissioner ,
Sriperumbudur Taluk, Kancheepuram District.
8. The Chief Engineer (Chennai Region),
WRO, Taramani, Chennai.
9. Stock File.

SIPCOT - AEROSPACE PARK - VALLAM
FMB AREA STATEMENT

SL. No:	S.F.No.	Extent in	
		Hec- are	Acre
<u>VALLAM 'A' VILLAGE</u>			
1	6	0.390	0.96
2	7	0.405	1.00
3	8	0.185	0.46
4	9	0.335	0.83
5	10	0.210	0.52
6	11	2.515	6.21
7	12	3.005	7.43
8	13	2.940	7.26
9	14	4.215	10.42
10	22	3.470	8.57
11	23	3.750	9.27
12	24	0.585	1.45
13	32	4.765	11.77
14	52	0.820	2.03
15	207 pt.	2.395	5.92
16	208	2.600	6.42
17	209	2.515	6.21
18	210	3.320	10.67
19	211	1.775	4.39
20	212	2.695	6.66
21	213	2.005	4.95
22	226	1.520	3.76
23	227	0.060	0.15
24	229	0.390	0.96
25	230	0.090	0.22
26	231	4.335	10.71
27	232	4.745	11.72
28	233	0.285	0.70
29	234	5.665	14.00
30	235	3.005	7.43
31	236	0.285	0.70
32	237 pt.	3.940	9.74
33	239 pt.	1.675	4.14
34	240	0.415	1.03
35	241 pt.	0.080	0.20
36	242 pt.	0.200	0.49
37	244 pt.	3.370	8.33
38	245 pt.	2.425	5.99
39	246	0.685	1.69
40	247 pt.	4.945	12.22
41	248 pt.	5.605	13.86
42	276 pt.	0.170	0.42
43	277 pt.	0.270	0.67
TOTAL		98.955	244.53



CHIEF ENGINEER (O&M-II)

CHENNAI METROPOLITAN WATER SUPPLY AND SEWERAGE BOARD

SAVE
WATER

LT No. CMWSSB/O.E(O&M-I)/S.E(WWT&R)/45 TTRO-KOY / SIPCOT / 2019-20. Dated 13.04.2020

To
The Managing Director,
SIPCOT,
19-A, Rukmani Lakshminpath Road,
Egmore
Chennai - 600 008.

Sub. CMWSSB – O.E(O&M-I) – S.E(WWT&R) – Design, Build and Operate for 15 years (DBO) a 45 MLD capacity Tertiary Treatment Reverse Osmosis (TTRO) Plant at Koyambadu including supply, laying and maintenance of M.S. transmission main for conveying product water to various SIPCOT industries situated at Irungallukottai, Sriperumbudur and Oragadam – Works Completed in all aspects – Inaugurated and Commissioned by the Hon'ble Chief Minister of Tamil Nadu on 29.11.2019 – Supply of TTRO Water to the M/s SIPCOT industries located at Irungallukottai, Pillaipakkam, Vallamvadagal, Sriperumbudur and Oragadam commenced from 18.12.2019 – Security deposit to be remitted –Requested – Reminder – Reg

Ref. LT No. CMWSSB / O.E(O&M-I) / S.E(WWT&R) / 45 TTRO-KOY / SIPCOT / 2019-20 Dated 06.12.2019 & 06.12.2019 & 24.01.2020

The work of "Design, Build and Operate for 15 years (DBO) a 45 MLD capacity Tertiary Treatment Reverse Osmosis (TTRO) Plant at Koyambadu including supply, laying and maintenance of M.S. transmission main for conveying product water to various SIPCOT industries situated at Irungallukottai, Sriperumbudur and Oragadam" has been completed in all aspects and has been inaugurated & commissioned by the Hon'ble Chief Minister of Tamil Nadu on 29.11.2019. The supply of TTRO product water to the M/s SIPCOT industries located at Irungallukottai, Pillaipakkam, Vallamvadagal, Sriperumbudur and Oragadam from Koyambadu TTRO plant was commenced from 18.12.2019 onwards.

In this connection, it is submitted that, the request for remittance of security deposit for an amount of Rs 2.045 Crores towards the supply of TTRO product water to M/s SIPCOT industries from Koyambadu TTRO plant has been made since 06.12.2019 and further reminders were made vide under references cited.

In this connection, it is submitted that the requisite security deposit amount has not been remitted till date, in spite of continuous follow up with officials of M/s SIPCOT.

As CMWSSB is facing financial crunch for the past more than 5 years with the deficit of about Rs.360 Crores, it is very difficult to manage to remit the Electricity consumption charges of about Rs.1.5 Crores per month towards operation of TTRO plant & Intermediate storage Pumping Stations.

Hence it is requested to cause necessary instructions to the officials to expedite the remittance of security deposit of Rs 2.045 Crores immediately through RTGS/NEFT.

This is submitted for favour of information and requested for early action in this regard.

CHIEF ENGINEER (O&M-II)

பாசனம் - ஸ்ரீலங்கா மாநிலம் - திருப்பெரும்புளர் வட்டம் - இருக்காட்டுக் கோட்டை கிராமம் - அங்காட் தொழில் வளாகத்தில் ஸ்ரீமதி ஜெனியா காவலு - செம்பரம்பாக்கம் ஏரியிலிருந்து ஓடும் மறிமம் நிலங்களுக்கு நீர்ப்பாசனம் போக எஞ்சிய நீர் 5 மில்லி மீட்டர் - ஸ்ரீமதி ஜெனியா - ஸ்ரீமதி ஜெனியா படுகிறாள்.

பொதுப்பணி (புதுப்பணி)

அரசு துறை (நிலை) 134

தாள்: 31.3.1997

பலக்கலம்:

1. மேலாங்கம் இயக்குநர், அங்காட் தேர்வுக் கமிட்டி என். 1026/96 தாள்: 2.9.1996.
2. தலைமைப்பொறியாளர், நீர்வள ஆதார அமைப்பு, சென்னை மண்டலம், அருகத்தா ஓட்டர் வழங்கல்பற்றை கமிட்டி என். பி.பி. 1/5250/96, தாள்: 24.12.1996.

பாரிசை 1ல் கட்ட கமிட்டியில் அங்காட், மேலாங்கம் இயக்குநர் இருக்காட்டுக்கோட்டை அங்காட் தொழில் வளாகத்திற்கு, அங்கு அமைக்கப்பட்டிருக்கிற ஜெனியா காவலுக்கு தேவையான 1.1 மில்லி மீட்டர் கன அடி தண்ணீர் உட்பட மொத்தம் சுமார் 10 மில்லி மீட்டர் கன அடி தண்ணீர் தேவை என்பது கேட்டுக் கொண்டுள்ளது.

2. பாரிசை 2ல் கட்ட கமிட்டியில் தலைமைப்பொறியாளர் நீர் வள ஆதார அமைப்பு சென்னை மண்டலம் மறிமம் அருகத்தா ஓட்டர் வழங்கல் திட்டம், கட்டிட காலக்காலில் செம்பரம்பாக்கம் ஏரியில் உள்ள நீர் நிலை ஒரே சீராகவும், 1992ம் ஆண்டு 485 மில்லி மீட்டர் 1980ம் ஆண்டு 711 மில்லி மீட்டர் கன அடியாகவும், 1996ம் ஆண்டு 2401 மில்லி மீட்டர் கன அடியாகவும் இருந்திருக்கிறது. மேலும் பதிவு செய்யப் பட்டுள்ள 13,223 ஏக்கர் சுயக்கட்டுகளில் தற்போது விவசாயம் செய்யப்பட்டு வரும் 9800 ஏக்கர் நிலங்களுக்கு நீர்ப்பாசனம் செய்துக் கொடுக்கும் என்ற நிலை உள்ளது என்பது குறிப்பிட்டுள்ளது. மேலும் இத்தொகுதி சென்னை மாநகருக்கு அருகத்தா விவசாயம் செம்பரம்பாக்கம் ஏரியிலிருந்து வழங்க வேண்டியிருப்பதால் நீர் இருப்பதை குறிப்பிட்டுள்ளது.

3. தலைமைப்பொறியாளர் (சென்னை மண்டலம் மறிமம் அருகத்தா ஓட்டர் வழங்கல் திட்டம்) உட்கமிட்டியை அருகத்தா ஓட்டர் அங்காட் தொழில் வளாகத்திற்குச் செயற்குறிப்பிடுப அரசு பரிசீலித்தது.

செம்பரம்பாக்கம் ஏரியில் நீர் இருப்பதற்கான, பதிவு செய்யப் பட்ட சுயக்கட்டு பதிவுகளுக்கான தேவையான தண்ணீர் மறிமம் சென்னை நகருக்கு அருகத்தா தேவையான ஓட்டரை பூர்த்தி செய்து பதி செம்பரம்பாக்கம்



/உயிர்ப்பா/

புதுப்பணி அமைச்சர் அலுவலகம், சென்னை.

21/4

21/4 SE

21/4

Madam, Secretary

ARE.

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

21/4

ஏற்பட்டிருந்த தாது ஒட்டிக்கு 5 பீசுமேல் என ஒரு சிப்பகாட் தொழில்
வளாகத்திற்கு வழங்குவதற்கு அரசு உடனடியாகவே. மேற்கண்ட வளாகத்தை
நிறைவேற்றியும், சிப்பகாட் தொழில் வளாகத்திற்கு பொதுப்பணித்துறையால் புதிய
நிபந்தனைகளுக்கு உட்பட்டு ஒப்பந்தத்தில் கையொப்பப்பட்ட பீசுமேல் தீர்
வழங்க வேண்டும் எனத் தலைமைப்பொறுப்பாளர், சென்னை மண்டலம், மற்றும்
சிடுஉத்தர குடிநீர் வழங்கல் திட்டம் அறிவித்தப்படுகிறது.

(ஆளுநர் துணைப்பல)

செ.பி. குப்பா,
அரசு செயலர்.

பெருநர்:

தலைமைப்பொறுப்பாளர்,
தீர்மான ஆதார அமைப்பு, சென்னை.5.

தலைமைப்பொறுப்பாளர்,
தீர்மான ஆதார அமைப்பு,
சென்னை மண்டலம் மற்றும் சிடுஉத்தர குடிநீர்
மற்றும் வழங்கல் துறை,
✓மேலாண்மையுடைய தீர்மான,
தமிழ்நாடு தொழில் வளர்ச்சி, கழகம்,
19 ஏ. ரூ.மேல் வட்டிப்பதி ரோடு,
எலும்புர், சென்னை.8.
கொண்ட. சிட்டுயர், துணை மாண்டலம்.

நகல்:

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

/ஆளுநர்/அப்பப்பப்பப்பப்ப/

பி.சி.சுப்பிரமணியன்
பிரதி அலுவலர் 3/4/97



TAMIL NADU POLLUTION CONTROL BOARD

CONSENT ORDER NO. 190128053419 DATED: 11/07/2019.

PROCEEDINGS NO.T2/TNPCB/F.1399SPR/RL/SPR/A/2019 DATED: 11/07/2019

SUB: TNPC Board-Consent for Establishment-M/s. SIPCOT AEROSPACE PARK , S.F. No. 6,7,8,9,10,11,12,13,14,22,23,24,32,52,207pt,208,209,210,211,212,213,226,227,229,230,231,232,233,234,235,236,237pt,239pt,240,241pt,242pt,244pt,245pt,246,247pt,248pt,276pt277pt, 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 for CTE dated 31.01.2017
2. IR.No : F.1399SPR/RL/AE/SPR/2019 dated 23/05/2019
3. Minutes of 173rd TSC meeting held on 19.06.2019 vide agenda item no. 173-8

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

Project Officer, SIPCOT IP, Vallam Vadagal,

M/s . SIPCOT AEROSPACE PARK

S.F

No.6,7,8,9,10,11,12,13,14,22,23,24,32,52,207pt,208,209,210,211,212,213,226,227,229,230,231,232,233,234,235,236,237pt,239pt,240,241pt,242pt,244pt,245pt,246,247pt,248pt,276pt277pt,

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.

6,7,8,9,10,11,12,13,14,22,23,24,32,52,207pt,208,209,210,211,212,213,226,227,229,230,231,232,233,234,235,236,237pt,239pt,240,241pt,242pt,244pt,245pt,246,247pt,248pt,276pt277pt,

VALLAM A B BLOCK Village,

Sriperumbudur Taluk,

Kancheepuram District.

This Consent to establish is valid upto **May 18, 2022**, 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

Project Officer, SIPCOT IP, Vallam Vadagal,

M/s.SIPCOT AEROSPACE PARK,

Vallam 'A' village,Sriperumbudur Taluk, Kancheepuram-602305 ,Kancheepuram District

Pin: 602305

Copy to:

- 1.The Commissioner, SRIPERUMBUDUR-Panchayat Union, 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.	Industrial Plots	98.955	Hectares

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. **Additional Conditions:**
1. The unit shall ensure that no process emission is let out from its activity
2. The project shall not use ‘use and throwaway plastics’ such as plastic sheets used for food wrapping, spreading on dining table etc., plastic plates, plastic coated tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bag and plastic flags irrespective of thickness, within the industry premises. Instead it shall encourage use of eco friendly alternative such as banana leaf, arecanut palm plate, stainless steel, glass, porcelain plates/cups, cloth bag, Jute bag etc.,

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

CONSENT ORDER NO. 190118053419 DATED: 11/07/2019.

PROCEEDINGS NO.T2/TNPCB/F.1399SPR/RL//SPR/W/2019 DATED: 11/07/2019

SUB: TNPC Board-Consent for Establishment-M/S SIPCOT AEROSPACE PARK S.F No. 6,7,8,9,10,11,12,13,14,22,23,24,32,52,207pt,208,209,210,211,212,213,226,227,229,230,231,232,233,234,235,236,237pt,239pt,240,241pt,242pt,244pt,245pt,246,247pt,248pt,276pt,277pt, 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 for CTE dated 31.01.2017
2. IR.No : F.1399SPR/RL/AE/SPR/2019 dated 23/05/2019
3. Minutes of 173rd TSC meeting held on 19.06.2019 vide agenda item no. 173-8

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

Project Officer, SIPCOT IP, Vallam Vadagal,
SIPCOT AEROSPACE PARK

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

S.F.

No.6,7,8,9,10,11,12,13,14,22,23,24,32,52,207pt,208,209,210,211,212,213,226,227,229,230,231,232,233,234,235,236,237pt,239pt,240,241pt,242pt,244pt,245pt,246,247pt,248pt,276pt,277pt,

VALLAM A B BLOCK Village,
Sriperumbudur Taluk,
Kancheepuram District.

This Consent to establish is valid upto **May 18, 2022**, 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

Project Officer, SIPCOT IP, Vallam Vadagal,
M/s.SIPCOT AEROSPACE PARK,
Vallam 'A' village, Sriperumbudur Taluk, Kancheepuram-602305 ,
Pin: 602305

Copy to:

1. The Commissioner, SRIPERUMBUDUR-Panchayat Union, 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.	Industrial Plots	98.955	Hectares

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

a		Sewage Treatment Plant:	
Treatment status: Individual STP			
SL. No.	Name of the Treatment Unit	No. of Units	Dimensions in metres
1.	Member units will have their own STP	0	-
b		Effluent Treatment Plant:	
Treatment status: Individual ETP			
SL. No.	Name of the Treatment Unit	No. of Units	Dimensions in metres
1.	Member units will have their own ETP	0	-
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			
Effluent Type : Trade Effluent			

4. Additional Conditions:

1. The SIPCOT industrial park (SIPCOT AEROSPACE PARK) shall comply the conditions stipulated in the Environmental clearance issued to the said project vide SEIAA Lr. No. SEIAA-TN/F.No.4262/2015/8 (b)/EC-471/KPM/2016 dated 19.05.2015.
2. The water requirement shall be met from the Chembarambakkam tank through CMWSSB as reported.
3. The SIPCOT shall house industries in the industrial park that do not attract the provisions of EIA Notification 2006 as committed.
4. The SIPCOT shall ensure that the allotted units are mandated to implement ZLD system for treating the trade effluent and shall ensure that no treated / untreated sewage / trade effluent shall gain access outside the unit premises on land / water source under any circumstance.
5. The allotted industries inside the SIPCOT premises shall obtain consent from the Board.
6. No drawl of ground water is permitted within the SIPCOT industrial park.
7. The SIPCOT shall obtain and furnish the necessary approval obtained from the competent authority for drawl of water from Chembarambakkam tank, while applying for CTO.
8. The project generating more than 20 tons of construction and demolition waste or more in one day or 300 tons per project in a month shall segregate the waste into four streams such as concrete, soil, steel, wood and plastics, bricks and mortar and keep the construction and demolition waste within the premise or get the waste deposited at collection centre so made by the local body or handover it to the authorised processing facilities of construction and demolition waste and ensure that there is no littering or deposition of construction and demolition waste so as to prevent obstruction to the traffic or the public or drains.
9. The project shall segregate and store the waste generated by them in three separate streams namely biodegradable, non bio-degradable and domestic hazardous wastes in suitable bins and handover segregated wastes to authorised waste pickers or waste collectors as per the direction or notification by the local authorities from time to time;
10. All gated communities and institutions with more than 5,000 sqm area shall ensure segregation of waste at source by the generators, facilitate collection of segregated waste in separate streams, handover recyclable material to either the authorized waste pickers or the authorized recyclers. The bio-degradable waste shall be processed, treated and disposed off through composting or bio-methanation within their premises. The residual waste shall be given to the waste collectors or agency as directed by the local body.
11. The project shall ensure that the segregated plastic waste must be sent to plastic recycling units. The waste plastics shall not be buried/land filled or burnt.
12. The project shall not use 'use and throwaway plastics' such as plastic sheets used for food wrapping, spreading on dining table etc., plastic plates, plastic coated tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bag and plastic flags irrespective of thickness, within the industry premises. Instead it shall encourage use of eco friendly alternative such as banana leaf, arecanut palm plate, stainless steel, glass, porcelain plates/cups, cloth bag, Jute bag etc.,

**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

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

TEST REPORT

Job No. 534/25-26 ULR No. TC151312600000629F Report Date 20.02.2026

Sample Description	: Ambient Air Quality	
Customer Name	: M/s.SIPCOT Limited,	
Customer Address	: Aerospace	
Sample Drawn by	: LES	
Date of Monitoring	: 11.02.2026 & 12.02.2026	Sampling Method : LES/EN/GEN/SOP/002
Location :Project Area		Temperature :30.0°C
Sample Code	: LES2602074	Humidity :65%
Sample Received On	:13.02.2026	Report Number :LES0629
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	21.2	60 (24 Hours) 40 (Annual)
2.	Particulate Matter PM 10	IS:5182 (Part-23)2006	µg/m ³	89.9	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	13.6	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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Note: BLQ – Below Limit of Quantification
LOQ – Limit of Quantification



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TEST REPORT

Job No. 534/25-26 ULR No. TC151312600000630F Report Date 20.02.2026

Sample Description	: Ambient Air Quality	
Customer Name	: M/s.SIPCOT Limited,	
Customer Address	: Aerospace	
Sample Drawn by	: LES	
Date of Monitoring	: 09.02.2026 & 10.02.2026	Sampling Method : LES/EN/GEN/SOP/002
Location :Santhavellore		Temperature :34.0°C
Sample Code	: LES2602075	Humidity :65%
Sample Received On	:13.02.2026	Report Number :LES0630
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	19.8	60 (24 Hours) 40 (Annual)
2.	Particulate Matter PM 10	IS:5182 (Part-23)2006	µg/m³	83.7	100 (24 Hours) 60 (Annual)
3.	Sulphur Dioxide as SO ₂	IS:5182 (Part-2) Sec 1:2023	µg/m³	12.1	80 (24 Hours) 50 (Annual)
4.	Nitrogen Dioxide as NO _x	IS:5182 (Part-6)2006	µg/m³	13.9	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. 534/25-26 ULR No. TC151312600000631F Report Date 20.02.2026

Sample Description	: Ambient Air Quality	
Customer Name	: M/s.SIPCOT Limited,	
Customer Address	: Aerospace	
Sample Drawn by	: LES	
Date of Monitoring	: 10.02.2026 & 11.02.2026	Sampling Method : LES/EN/GEN/SOP/002
Location :Vallam		Temperature :34.0°C
Sample Code	: LES2602076	Humidity :68%
Sample Received On	:13.02.2026	Report Number :LES0631
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	20.7	60 (24 Hours) 40 (Annual)
2.	Particulate Matter PM 10	IS:5182 (Part-23)2006	µg/m ³	87.0	100 (24 Hours) 60 (Annual)
3.	Sulphur Dioxide as SO ₂	IS:5182 (Part-2) Sec 1:2023	µg/m ³	14.0	80 (24 Hours) 50 (Annual)
4.	Nitrogen Dioxide as NOX	IS:5182 (Part-6)2006	µg/m ³	14.6	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)	---

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TEST REPORT

Job No. 534/25-26 ULR No. TC151312600000632F Report Date 20.02.2026

Sample Description	: Ambient Air Quality	
Customer Name	: M/s.SIPCOT Limited,	
Customer Address	: Aerospace	
Sample Drawn by	: LES	
Date of Monitoring	: 10.02.2026 & 11.02.2026	Sampling Method : LES/EN/GEN/SOP/002
Location :Vallakottai		Temperature :31.0°C
Sample Code	: LES2602077	Humidity :70%
Sample Received On	:13.02.2026	Report Number :LE50632
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	21.0	60 (24 Hours) 40 (Annual)
2.	Particulate Matter PM 10	IS:5182 (Part-23)2006	µg/m³	86.8	100 (24 Hours) 60 (Annual)
3.	Sulphur Dioxide as SO ₂	IS:5182 (Part-2) Sec 1:2023	µg/m³	14.1	80 (24 Hours) 50 (Annual)
4.	Nitrogen Dioxide as NOX	IS:5182 (Part-6)2006	µg/m³	16.0	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)	---

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TEST REPORT

Job No. 534/25-26 ULR No. TC151312600000633F Report Date 20.02.2026

Sample Description	: Ambient Air Quality	
Customer Name	: M/s.SIPCOT Limited,	
Customer Address	: Aerospace	
Sample Drawn by	: LES	
Date of Monitoring	: 09.02.2026 & 10.02.2026	Sampling Method : LES/EN/GEN/SOP/002
Location	: Sirumangadu	Temperature : 33.0°C
Sample Code	: LES2602078	Humidity : 69%
Sample Received On	: 13.02.2026	Report Number : LES0633
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	21.6	60 (24 Hours) 40 (Annual)
2.	Particulate Matter PM 10	IS:5182 (Part-23)2006	µg/m ³	79.7	100 (24 Hours) 60 (Annual)
3.	Sulphur Dioxide as SO ₂	IS:5182 (Part-2) Sec 1:2023	µg/m ³	14.6	80 (24 Hours) 50 (Annual)
4.	Nitrogen Dioxide as NOX	IS:5182 (Part-6)2006	µg/m ³	12.8	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. 534/25-26 ULR No. TC151312600000634F Report Date 20.02.2026

Sample Description : Ambient Noise Levels
Customer Name : M/s.SIPCOT Limited,
Customer Address : Aerospace
Sample Drawn by : LES
Date of Monitoring : 11.02.2026 & 12.02.2026
Sample Code : LES2602078
Test Commenced On : 13.02.2026
Report Number : LES0634
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	54.2	65.1	60.7	47.6	61.6	56.7
2.	Santhavellore	42.3	52.1	48.5	37.2	40.7	39.1
3.	Vallam	43.5	50.5	47.1	39.7	42.4	41.1
4.	Vallakottai	44.3	50.1	47.5	35.1	41.8	39
5.	Sirumangadu	41	51.4	47.3	37.5	41.8	39.8
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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Quality Manager

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. 534/25-26 ULR No. TC1513126000000635F Report Date 20.02.2026

Sample Description: Ground Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Aerospace	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Ground Water	Qty Sample Received: 5 Ltrs
Sample Code:LES2602080	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: LES0635

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	331	500	2000
4.	pH @ 25°C	IS:3025 (Part-11)2022	---	7.35	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	5.58	30	100
8.	Nitrate as NO ₃	APHA 24 th Edition 2023 4500 NO ₃ -B	mg/L	17	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	30.74	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. 534/25-26 ULR No. TC1513126000000635F 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	57.57	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	100	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	182.5	200	600
25.	Total Hardness as CaCO ₃	IS:3025 (Part-21)2009	mg/L	99.84	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	42.37	---	---
28.	Potassium as K	IS:3025 (Part-45)1993	mg/L	5.63	---	---
29.	Residual Sodium Carbonate	IS:11624-2019	meq/L	1.66	---	---
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	182.5	---	---
35.	Electrical Conductivity @25°C	IS:3025 (Part-14)2013	µs/cm	517	---	---
36.	Percent Sodium	AES/EN/WAT/SOP/001	%	46.29	---	---
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	0.59	---	---
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



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U.ANBARASAN
Quality Manager

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TEST REPORT

Job No. 534/25-26 Report No. 26000000635 Report Date 20.02.2026

Sample Description: Ground Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Aerospace	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Ground Water	Qty Sample Received: 5 Ltrs
Sample Code:LES2602080	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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Quality Manager

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TEST REPORT

Job No. 534/25-26 ULR No. TC151312600000636F Report Date 20.02.2026

Sample Description: Ground Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Aerospace	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Ground Water	Qty Sample Received: 5 Ltrs
Sample Code:LES2602081	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 : Sirumangadu	Report Number: LES0636

S.N o	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	209	500	2000
4.	pH @ 25°C	IS:3025 (Part-11)2022	---	8.09	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	5.57	30	100
8.	Nitrate as NO ₃	APHA 24 th Edition 2023 4500 NO ₃ -B	mg/L	25	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	39.07	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. 534/25-26 ULR No. TC1513126000000636F 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	62.71	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	60	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	110	200	600
25.	Total Hardness as CaCO ₃	IS:3025 (Part-21)2009	mg/L	120.64	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	28.63	---	---
28.	Potassium as K	IS:3025 (Part-45)1993	mg/L	2.92	---	---
29.	Residual Sodium Carbonate	IS:11624-2019	meq/L	-0.21	---	---
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	110	---	---
35.	Electrical Conductivity @25°C	IS:3025 (Part-14)2013	µs/cm	327	---	---
36.	Percent Sodium	AES/EN/WAT/SOP/001	%	33.4	---	---
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	0.26	---	---
39.	Dissolved Oxygen	IS:3025 (Part - 38) 1989	mg/L	6.7	---	---

*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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Quality Manager

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TEST REPORT

Job No. 534/25-26 Report No. 26000000636 Report Date 20.02.2026

Sample Description: Ground Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Aerospace	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Ground Water	Qty Sample Received: 5 Ltrs
Sample Code:LES2602081	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 : Sirumangadu	

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

End of Report
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TEST REPORT

Job No. 534/25-26 ULR No. TC1513126000000637F Report Date 20.02.2026

Sample Description: Ground Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Aerospace	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Ground Water	Qty Sample Received: 5 Ltrs
Sample Code:LES2602082	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 : Vallakottai	Report Number: LES0637

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	705	500	2000
4.	pH @ 25°C	IS:3025 (Part-11)2022	---	8.2	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	18.32	30	100
8.	Nitrate as NO ₃	APHA 24 th Edition 2023 4500 NO ₃ -B	mg/L	28	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	90.48	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. 534/25-26 ULR No. TC151312600000637F 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	164.49	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	183	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	396.67	200	600
25.	Total Hardness as CaCO ₃	IS:3025 (Part-21)2009	mg/L	301.6	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	93.06	---	---
28.	Potassium as K	IS:3025 (Part-45)1993	mg/L	10.42	---	---
29.	Residual Sodium Carbonate	IS:11624-2019	meq/L	1.91	---	---
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	396.67	---	---
35.	Electrical Conductivity @25°C	IS:3025 (Part-14)2013	µs/cm	1101	---	---
36.	Percent Sodium	AES/EN/WAT/SOP/001	%	39.15	---	---
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	0.15	---	---
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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Authorized Signatory

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

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Quality Manager

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TEST REPORT

Job No. 534/25-26 Report No. 26000000637 Report Date 20.02.2026

Sample Description: Ground Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Aerospace	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Ground Water	Qty Sample Received: 5 Ltrs
Sample Code:LES2602082	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 : Vallakottai	

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. 534/25-26 ULR No. TC1513126000000638F Report Date 20.02.2026

Sample Description: Surface Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address : Aerospace	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Surface Water	Qty Sample Received: 5 Ltrs
Sample Code: LES2602083	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: LES0638

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 NH ₃	IS:3025 (Part-34)1988	mg/L	BLQ (LOQ:0.2)
6.	Magnesium as Mg	IS:3025 (Part-46)2023	mg/L	13.49
7.	Nitrate as NO ₃	APHA 24th Edition 2023 4500 NO ₃ -B	mg/L	6.64
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	29.12
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. 534/25-26 ULR No. TC1513126000000638F 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	33.22
21.	Phenolic Compound as C_6H_5OH	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	93.0
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	89.68
26.	Potassium as K	IS:3025 (Part-45)1993	mg/L	8.97
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	$\mu S/cm$	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	0.97
33.	Dissolved Oxygen	IS:3025 (Part - 38) 1989	mg/L	6.4

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U. ANBARASAN
Quality Manager

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TEST REPORT

Job No. 534/25-26 Report No. 26000000638 Report Date 20.02.2026

Sample Description: Surface Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address : Aerospace	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Surface Water	Qty Sample Received: 5 Ltrs
Sample Code: LES2602083	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	-0.7
7.	Percent Sodium	AES/EN/WAT/SOP/001	%	58.27
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	93.0

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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. 534/25-26 ULR No. TC1513126000000639F Report Date 20.02.2026

Sample Description: Surface Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address : Aerospace	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Surface Water	Qty Sample Received: 5 Ltrs
Sample Code: LES2602084	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	Report Number: LES0639

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	354
4.	pH @ 25°C	IS:3025 (Part-11)2022	---	7.65
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
7.	Nitrate as NO3	APHA 24th Edition 2023 4500 NO3-B	mg/L	5.3
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	37
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. 534/25-26 ULR No. TC1513126000000639F 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	40
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	69.75
23.	Total Hardness as CaCO ₃	IS:3025 (Part-21)2009	mg/L	146
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	13
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	621
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	0.37
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. 534/25-26 Report No. 1513126000000639 Report Date 20.02.2026

Sample Description: Surface Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address : Aerospace	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Surface Water	Qty Sample Received: 5 Ltrs
Sample Code: LES2602084	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	-1.52
7.	Percent Sodium	AES/EN/WAT/SOP/001	%	39.11
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. 534/25-26 ULR No. TC151312600000640F Report Date 20.02.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Aerospace	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602085	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: LES0640

S.No	Description	Method of Reference	Units	Results
PHYSICAL PARAMETERS				
1.	pH @25°C	IS:2720 (Part 26)1987	---	7.91
2.	Electrical Conductivity @25°C	IS:14767:2000	µs/cm	313.6
3.	Total Sand	AES/EN/SLS/SOP/017	%	52
4.	Silt	AES/EN/SLS/SOP/017	%	15
5.	Clay	AES/EN/SLS/SOP/017	%	28
6.	Bulk Density	AES/EN/SLS/SOP/001	---	1.35
7.	Moisture	IS 2720 (Part - 2)1973	%	7.8
CHEMICAL PARAMETERS -				
8.	Manganese as Mn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	168
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	22.27
12.	Total Nitrogen as N	IS:14684:1999	mg/kg	129
13.	Exchangeable Calcium as Ca	AES/EN/SLS/SOP/011	mg/kg	22.4
14.	Exchangeable Magnesium as Mg	AES/EN/SLS/SOP/011	mg/kg	5.8
15.	Cation Exchange Capacity	EPA 9081:1986	meq/100g	5.8
16.	Water Holding Capacity	AES/EN/SLS/SOP/005	%	24.3
17.	Available Phosphorous as P	AES/EN/SLS/SOP/012	mg/kg	33.7
18.	Zinc as Zn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	25
19.	Boron as B	AES/EN/SLS/SOP/015	mg/kg	0.66
20.	Chromium as Cr	USEPA 7000B & EPA 3050 B - 1996	mg/kg	15.1
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	5.3
23.	Copper as Cu	USEPA 7000B & EPA 3050 B - 1996	mg/kg	7.4

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TEST REPORT

Job No.	534/25-26	Report No.	26000000640	Report Date	20.02.2026
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Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Aerospace	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602085	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	1.6
3.	Colour	LES/EN/SLS/SOP/032	---	Brownish

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Quality Manager

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TEST REPORT

Job No. 534/25-26 ULR No. TC1513126000000641F Report Date 20.02.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Aerospace	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602086	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 : Santhavellore	Report Number: LES0641

S.No	Description	Method of Reference	Units	Results
PHYSICAL PARAMETERS				
1.	pH @25°C	IS:2720 (Part 26)1987	---	6.71
2.	Electrical Conductivity @25°C	IS:14767:2000	µs/cm	325.4
3.	Total Sand	AES/EN/SLS/SOP/017	%	58
4.	Silt	AES/EN/SLS/SOP/017	%	12
5.	Clay	AES/EN/SLS/SOP/017	%	25
6.	Bulk Density	AES/EN/SLS/SOP/001	---	1.28
7.	Moisture	IS 2720 (Part - 2)1973	%	4.3
CHEMICAL PARAMETERS -				
8.	Manganese as Mn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	146
9.	Total Organic Carbon	AES/EN/SLS/SOP/019	%	0.91
10.	Total Organic matter	IS:2720 (Part -22)1972	%	1.57
11.	Available Potassium as K	AES/EN/SLS/SOP/018	mg/kg	23.75
12.	Total Nitrogen as N	IS:14684:1999	mg/kg	178
13.	Exchangeable Calcium as Ca	AES/EN/SLS/SOP/011	mg/kg	23
14.	Exchangeable Magnesium as Mg	AES/EN/SLS/SOP/011	mg/kg	6
15.	Cation Exchange Capacity	EPA 9081:1986	meq/100g	3.7
16.	Water Holding Capacity	AES/EN/SLS/SOP/005	%	30.6
17.	Available Phosphorous as P	AES/EN/SLS/SOP/012	mg/kg	34.1
18.	Zinc as Zn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	19
19.	Boron as B	AES/EN/SLS/SOP/015	mg/kg	0.88
20.	Chromium as Cr	USEPA 7000B & EPA 3050 B - 1996	mg/kg	16.7
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	3.4
23.	Copper as Cu	USEPA 7000B & EPA 3050 B - 1996	mg/kg	6.6

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[Signature]

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



****End of Report****

1 of 1

[Signature]

Authorized Signatory

U.ANBARASAN
Quality Manager

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TEST REPORT

Job No.	534/25-26	Report No.	26000000641	Report Date	20.02.2026
---------	-----------	------------	-------------	-------------	------------

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Aerospace	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602086	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 : Santhavellore	

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	1.1
3.	Colour	LES/EN/SLS/SOP/032	---	Brownish

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U. ANBARASAN
Quality Manager

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TEST REPORT

Job No.	534/25-26	ULR No.	TC1513126000000642F	Report Date	20.02.2026
---------	-----------	---------	---------------------	-------------	------------

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Aerospace	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602087	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 : Vallam	Report Number: LES0642

S.No	Description	Method of Reference	Units	Results
PHYSICAL PARAMETERS				
1.	pH @25°C	IS:2720 (Part 26)1987	---	7.66
2.	Electrical Conductivity @25°C	IS:14767:2000	µs/cm	350.1
3.	Total Sand	AES/EN/SLS/SOP/017	%	55
4.	Silt	AES/EN/SLS/SOP/017	%	14
5.	Clay	AES/EN/SLS/SOP/017	%	27
6.	Bulk Density	AES/EN/SLS/SOP/001	---	1.33
7.	Moisture	IS 2720 (Part - 2)1973	%	6.5
CHEMICAL PARAMETERS -				
8.	Manganese as Mn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	139
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	21.01
12.	Total Nitrogen as N	IS:14684:1999	mg/kg	133
13.	Exchangeable Calcium as Ca	AES/EN/SLS/SOP/011	mg/kg	24
14.	Exchangeable Magnesium as Mg	AES/EN/SLS/SOP/011	mg/kg	6.4
15.	Cation Exchange Capacity	EPA 9081:1986	meq/100g	5.1
16.	Water Holding Capacity	AES/EN/SLS/SOP/005	%	24.8
17.	Available Phosphorous as P	AES/EN/SLS/SOP/012	mg/kg	26
18.	Zinc as Zn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	16
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	17.9
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	2.5
23.	Copper as Cu	USEPA 7000B & EPA 3050 B - 1996	mg/kg	6.2

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

****End of Report****

1 of 1

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Quality Manager

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TEST REPORT

Job No.	534/25-26	Report No.	26000000642	Report Date	20.02.2026
---------	-----------	------------	-------------	-------------	------------

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Aerospace	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602087	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 : Vallam	

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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End of Report
1 of 1


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U. ANBARASAN
Quality Manager

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TEST REPORT

Job No. 534/25-26 ULR No. TC1513126000000643F Report Date 20.02.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Aerospace	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602088	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: LES0643

S.No	Description	Method of Reference	Units	Results
PHYSICAL PARAMETERS				
1.	pH @25°C	IS:2720 (Part 26)1987	---	7.92
2.	Electrical Conductivity @25°C	IS:14767:2000	µs/cm	293.8
3.	Total Sand	AES/EN/SLS/SOP/017	%	56
4.	Silt	AES/EN/SLS/SOP/017	%	10
5.	Clay	AES/EN/SLS/SOP/017	%	29
6.	Bulk Density	AES/EN/SLS/SOP/001	---	1.34
7.	Moisture	IS 2720 (Part - 2)1973	%	7.3
CHEMICAL PARAMETERS -				
8.	Manganese as Mn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	148
9.	Total Organic Carbon	AES/EN/SLS/SOP/019	%	0.67
10.	Total Organic matter	IS:2720 (Part -22)1972	%	1.16
11.	Available Potassium as K	AES/EN/SLS/SOP/018	mg/kg	17.63
12.	Total Nitrogen as N	IS:14684:1999	mg/kg	134
13.	Exchangeable Calcium as Ca	AES/EN/SLS/SOP/011	mg/kg	21.6
14.	Exchangeable Magnesium as Mg	AES/EN/SLS/SOP/011	mg/kg	5.6
15.	Cation Exchange Capacity	EPA 9081:1986	meq/100g	5.5
16.	Water Holding Capacity	AES/EN/SLS/SOP/005	%	25.1
17.	Available Phosphorous as P	AES/EN/SLS/SOP/012	mg/kg	29.9
18.	Zinc as Zn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	20
19.	Boron as B	AES/EN/SLS/SOP/015	mg/kg	0.72
20.	Chromium as Cr	USEPA 7000B & EPA 3050 B - 1996	mg/kg	16.4
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	3.6
23.	Copper as Cu	USEPA 7000B & EPA 3050 B - 1996	mg/kg	6.8

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Note: BLQ – Below Limit of Quantification
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****End of Report****
1 of 1

U.ANBARASAN
Quality Manager

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TEST REPORT

Job No.	534/25-26	Report No.	26000000643	Report Date	20.02.2026
---------	-----------	------------	-------------	-------------	------------

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Aerospace	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602088	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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U.ANBARASAN
Quality Manager

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TEST REPORT

Job No. 534/25-26 ULR No. TC151312600000644F Report Date 20.02.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Aerospace	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602089	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 : Sirumangadu	Report Number: LES0644

S.No	Description	Method of Reference	Units	Results
PHYSICAL PARAMETERS				
1.	pH @25°C	IS:2720 (Part 26)1987	---	7.74
2.	Electrical Conductivity @25°C	IS:14767:2000	µs/cm	340.4
3.	Total Sand	AES/EN/SLS/SOP/017	%	83.4
4.	Silt	AES/EN/SLS/SOP/017	%	2.1
5.	Clay	AES/EN/SLS/SOP/017	%	14.5
6.	Bulk Density	AES/EN/SLS/SOP/001	---	1.33
7.	Moisture	IS 2720 (Part - 2)1973	%	8.8
CHEMICAL PARAMETERS -				
8.	Manganese as Mn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	155
9.	Total Organic Carbon	AES/EN/SLS/SOP/019	%	0.68
10.	Total Organic matter	IS:2720 (Part -22)1972	%	1.17
11.	Available Potassium as K	AES/EN/SLS/SOP/018	mg/kg	30.64
12.	Total Nitrogen as N	IS:14684:1999	mg/kg	135
13.	Exchangeable Calcium as Ca	AES/EN/SLS/SOP/011	mg/kg	23.2
14.	Exchangeable Magnesium as Mg	AES/EN/SLS/SOP/011	mg/kg	6
15.	Cation Exchange Capacity	EPA 9081:1986	meq/100g	5.7
16.	Water Holding Capacity	AES/EN/SLS/SOP/005	%	24.9
17.	Available Phosphorous as P	AES/EN/SLS/SOP/012	mg/kg	34.6
18.	Zinc as Zn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	22
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	15.8
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	4.2
23.	Copper as Cu	USEPA 7000B & EPA 3050 B - 1996	mg/kg	7.1

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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. 534/25-26 Report No. 26000000644 Report Date 20.02.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Aerospace	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602089	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 : Sirumangadu	

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

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U.ANBARASAN
Quality Manager

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SIPCOT – AEROSPACE

ENVIRONMENTAL MONITORING PHOTOGRAPHS

AMBIENT AIR QUALITY MONITORING PHOTOGRAPHS:

Project Site



Vallakkottai



Sirumangadu



Santhavellore



Vallam



NOISE SAMPLING PHOTOGRAPH

Project site	Vallakottai
 A photograph showing a person in a red safety vest and yellow helmet standing next to a noise meter on a tripod in an open, dusty area. The meter's display shows 'Vallakottai, Tamil Nadu, India' and '2023/05/05 11:58 AM SRT +05:30'.	 A photograph showing a person in a red safety vest and yellow helmet standing next to a noise meter on a tripod in a wooded area. The meter's display shows 'Vallakottai, Tamil Nadu, India' and '2023/05/05 11:58 AM SRT +05:30'.
Sirumangadu	Santhavellore
 A photograph showing a person in a red safety vest and yellow helmet standing next to a noise meter on a tripod in a residential area. The meter's display shows 'Sirumangadu, Tamil Nadu, India' and '2023/05/05 11:58 AM SRT +05:30'.	 A photograph showing a person in a red safety vest and yellow helmet standing next to a noise meter on a tripod in a residential area. The meter's display shows 'Santhavellore, Tamil Nadu, India' and '2023/05/05 11:58 AM SRT +05:30'.
Vallam	
 A photograph showing a person in a red safety vest and yellow helmet standing next to a noise meter on a tripod in a narrow, paved path. The meter's display shows 'Vallam, Tamil Nadu, India' and '2023/05/05 11:58 AM SRT +05:30'.	

SOIL SAMPLING PHOTOGRAPH

Project site	Vallakottai
	
Sirumangadu	Santhavellore
	
Vallam	
	

GROUND WATER SAMPLING PHOTOGRAPHS

Project site	Vallakottai
 Sriperumbudur, Tamil Nadu, India Viji+7m, Sriperumbudur, Tamil Nadu 631904, India Lat: 12.898827° Long: 80.164487° Thermal: 14/05/2020 04:56 PM GMT+05:30	 Marthur, Tamil Nadu, India Viji+7m, Marthur, Tamil Nadu 603118, India Lat: 11.482767° Long: 78.055227° Thermal: 14/05/2020 04:53 PM GMT+05:30
Sirumangadu	
 Sirumangadu, Tamil Nadu, India Viji+7m, Sirumangadu, Tamil Nadu 605006, India Lat: 11.482767° Long: 78.055227° Thermal: 14/05/2020 04:50 PM GMT+05:30	

SURFACE WATER SAMPLING PHOTOGRAPHS

Pond near Vallakkottai



Thenneri Lake



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sipcotweb.tn.gov.in/Environment_clearance

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

Orugadam Kancheepuram	Valluvar Kancheepuram
Thervoykandigai Thiruvallur	Pillaiyalkottam Kancheepuram
Vallam Vadogal - I Kancheepuram	Aerospace Park Kancheepuram
Vallam Vadogal - II Kancheepuram	Manaparai Thiruvallur
Tindivanam Viluppuram	Manallur Thiruvallur
Thoothukudi - II Thoothukudi	Nemili Kancheepuram

32°C Sunny 3:12 PM 3/31/2026

SIPCOT | State Industries Promotion Corporation of Tamil Nadu

sipcotweb.tn.gov.in/Compliance_Report

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

All Bookmarks

Compliance Report -
Thervoy Kandigai for Dec
2025

Compliance Report -
Pillaipakkam for Dec 2025

Compliance Report -
Vallam Vadagal I for Dec
2025

Compliance Report - Vaipur
Mathur for Dec 2025

**Compliance Report -
Aerospace Park for Dec
2025**

Compliance Report -
Cheyyar for Dec 2025

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Environment Policy

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Address
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LAKSHMIPATHY ROAD
EGMORE, CHENNAI - 600
008.

Phone
044-45261777

Email

SIPCOT
Govt. of Tamil Nadu

SIPCOT has nurtured the development of 50 Industrial Parks including 8 SEZs, spread over 24 districts in a total extent of about 48,926.48 acres.

Information

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32°C Sunny

Search

3:15 PM 3/31/2026



SIPCOT

EC/Aerospace/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 Aerospace Park – Submission of Half Yearly Compliance Report for
December 2025 (i.e., for the period of April 2025 to September 2025) - Reg.

Ref: EC vide SEIAA-TN/F.NO-4262/2015/8(b)/EC-471/KPM/2016dated 19.05.2015

We hereby submit the Half Yearly Compliance Report for the Development of
Aerospace Park at Vallam and Vadagal 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 Lakshminpathy 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 Aerospace Park, Vallam Vadagal- 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 9:57 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-4262/2015/8(b)/EC-471/KPM/2016 dated: 19.05.2015

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 Aerospace Park at Vallam and Vadagal Villages, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu" for your perusal and records.

--

Thanks & Regards,
Environment Cell
SIPCOT



Aerospace HYC Dec 25.pdf

18197K



SIPCOT

EC/I/362198/2025/AP

Date: 29.09.2025

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

/By RPAD)

Sir,

Sub: SIPCOT Aerospace Park - Environmental Statement for the Financial Year ending 31st March 2025 - Submitted - Reg.

Ref: SEIAA EC Lr.No. SEIAA-TN/F.No-4262/2015/8(b)/EC-471/KPM/2016 dated 19.05.2016.

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 Aerospace Park at Vallam Vadagal Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu for financial year ending 31st March 2025.

Yours faithfully,

End: As above.

CONSULTANT (PROJECT-MANAGEMENT)



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

SIPCOT | State Industries Promotion Corporation of Tamil Nadu

sipcotweb.tn.gov.in/Compliance_Report

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All Bookmarks

Compliance Report - Mambakkam for Dec 2025	Compliance Report - Marudhandapalli for Dec 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

Load more

SIPCOT
Govt of Tamil Nadu

SIPCOT has nurtured the development of 50 Industrial Parks including 8 SEZs, spread over 24 districts in a total extent of about 48,926.48 acres.

Information

- Disclaimer
- Terms and conditions
- Privacy Policy
- Refund Policy

Office Address

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

Phone
044-45261777

Email

32°C Sunny

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The New Indian Express dt. 15-6-2016



**SIPCOT AEROSPACE PARK, VALLAM VADAGAL
SRIPERUMBUDUR TALUK
KANCHEEPURAM DISTRICT**

ENVIRONMENTAL CLEARANCE

Environmental Clearance has been obtained for the proposed SIPCOT Aerospace Park at Vallam Vadagal, Kancheepuram District from State Level Environment Impact Assessment Authority (SEIAA), Tamil Nadu vide their Lr.No.SEIAA-TN/F.No.4262/2015/8b/EC-471/KPM/2016 dt. 19.5.2016.

The contents of the Environmental Clearance can be downloaded from SIPCOT website www.sipcot.com and also in the SEIAA website www.seiaa.tn.gov.in. Further the copies of the Environmental Clearance could be obtained from the Head Office or SIPCOT.

**MANAGING DIRECTOR
SIPCOT**

**19-A, Rukmani Lakshmipathy Road,
Egmore, Chennai-600 008**

DIPR/550/DISPLAY/2016

தினத்திந்தி

நாள் - 15-6-2016



சிப்காட் வான்வெளி பூங்கா

வல்லம் வடகால்

திருப்பெரும்புதூர் தாலுகா, காஞ்சிபுரம் மாவட்டம்

சுற்றுச்சூழல் இசைவாணை

மாநில சுற்றுச்சூழல் தாக்க மதிப்பீட்டு ஆணையம், தமிழ்நாடு கடித எண். Lr.No.SEIAA-TN/F.No.4262/2015/8b/EC-471/KPM/2016 தேதி 19.5.2015 மூலம் காஞ்சிபுரம் மாவட்டம், வல்லம் வடகால் கிராமங்களில் அமையவுள்ள வான்வெளி பூங்காவிற்கு சுற்றுச்சூழல் இசைவாணை வழங்கியுள்ளது.

சுற்றுச்சூழல் இவ்விசைவாணையின் முழு விவரங்களை சிப்காட் இணையதளமான www.sipcot.com மற்றும் மாநில சுற்றுச்சூழல் தாக்க மதிப்பீட்டு ஆணையத்தின் இணையதளமான www.seiaa.tn.gov.in ஆகியவற்றில் பதிவிறக்கம் செய்து கொள்ளலாம். மேலும் இவ்விசைவாணையின் நகலினை இவ்வலுவலகத்தில் பெற்றுக்கொள்ளலாம்.

மேலாண்மை அயக்குநர்

சிப்காட்

**19-அ, ருக்மணி இடைக்கிராம சாலை,
எழும்பூர், சென்னை - 600 008**

செ.ம.தொ.இ.5050/வ.சு.அ.க.வ.2016

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**.

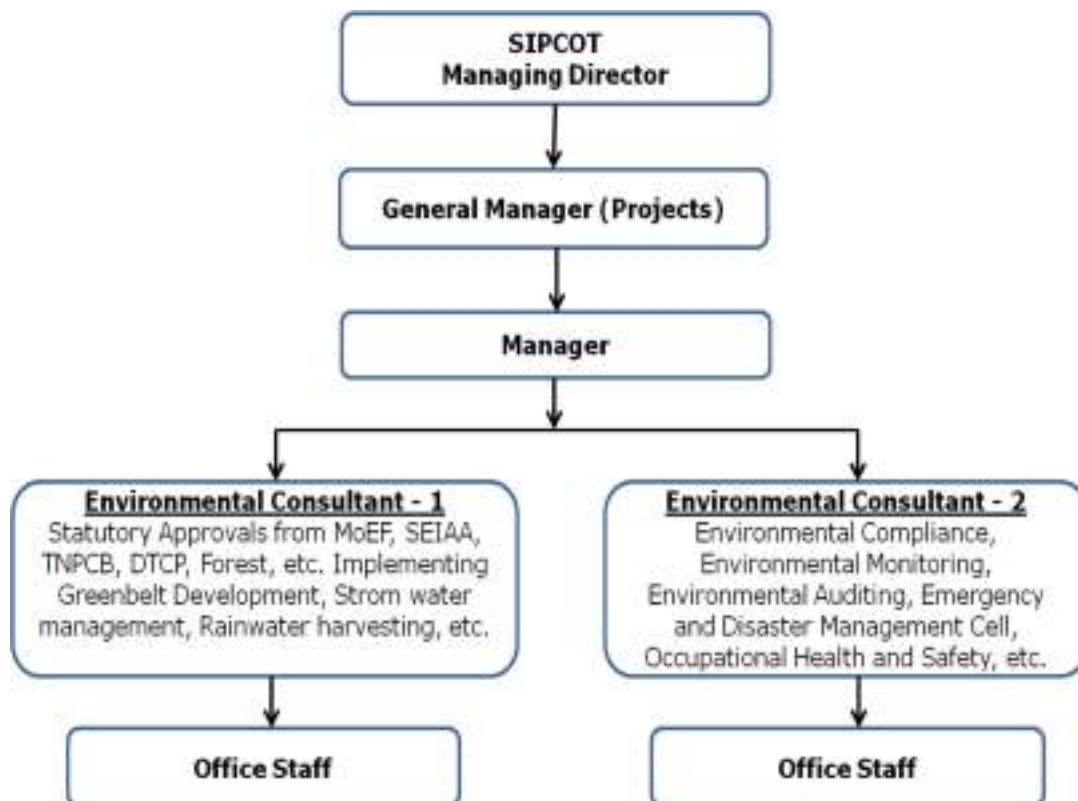


Figure - 1 Organogram for Environmental Management Cell

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.

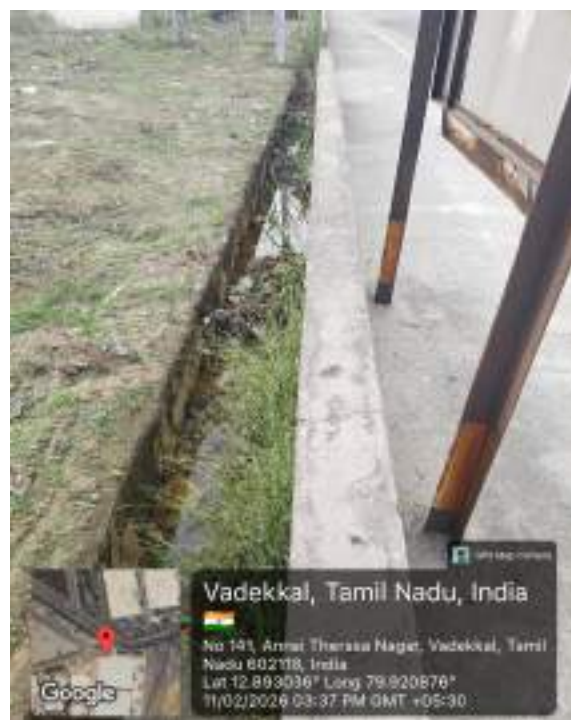
Photographs of Storm drain

SIPCOT



Industries Photographs

UNITHERM



INDO MIM



Super Forge



Photographs of Greenbelt**SIPCOT****Industries Photographs****INDO MIM****Super Forge**

Photographs of LED Lights**SIPCOT****Industries Photographs****ADMACH****UNITHERM**

Photographs of Fire protection Equipment

Industries Photographs

ADMACH



INDO MIM



Super Forge



Photographs of First Aid Facility and Medical Camp Photographs

PHC - Adjacent SIPCOT



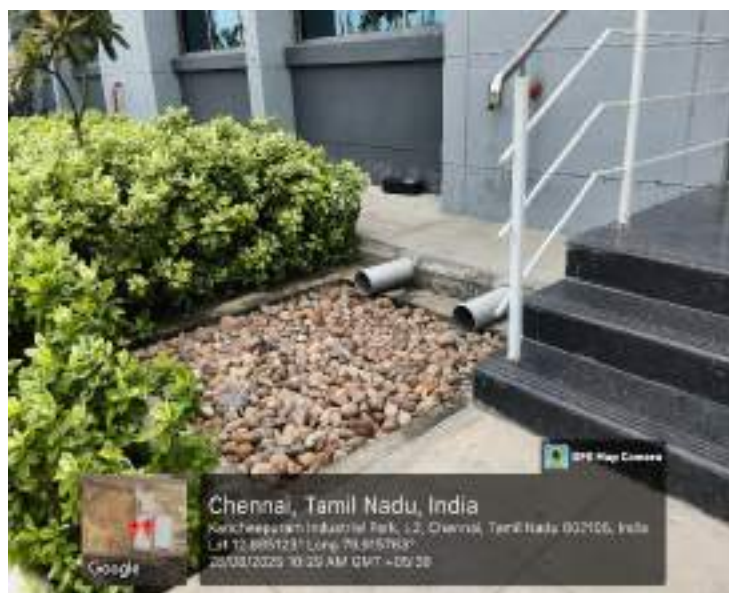
Industry Name : INDO MIM





Photographs of RWH Structures

INDO MIM

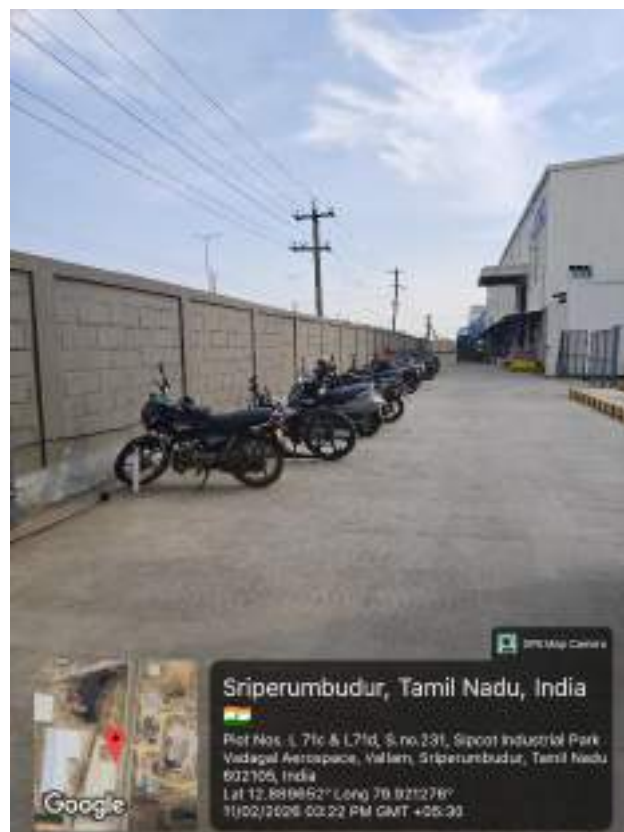


Photographs of Parking area

ADMACH



UNITHERM



INDO MIM



Super Forge



Photograph of STP of member units

INDO MIM



Super Forge

