



EC/Thoothukudi/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 Industrial Park at Therkuveerapandiyapuram & Meelavittan Villages,
Thoothukudi District - Submission of Half Yearly Compliance Report for June
2026 (i.e., for the period of October 2025 to March 2026) - Reg.

Ref: EC vide Letter No. SEIAA - TN/F. 7939/EC /8(b)/796/2022 dated:
02.02.2022

We hereby submit the Half Yearly Compliance Report for the Development of
Industrial Park at Therkuveerapandiyapuram Village of Ottapidaram & Meelavittan
village of Thoothukudi Taluk, Thoothukudi 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



SIPCOT

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

/Forwarded by Order/

CONSULTANT (ENVIRONMENT)

State Industries Promotion Corporation of Tamil Nadu Limited

(A Government of Tamil Nadu Undertaking)

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HALF YEARLY ENVIRONMENTAL COMPLIANCE REPORT

For the Period of October 2025 –March 2026

For

**“Development of Industrial Park at
Therkuveerapandiyapuram Village of Ottapidaparam Taluk
and Meelavittan Village of Thoothukudi Taluk Thoothukudi
District, Tamil Nadu”.**

EC Identification No. EC22B039TN127123

(EC OBTAINED Vide Letter No. SEIAA – TN/F. 7939/EC /8(b)/796/2022 dated: 07.02.2022)

Submitted by



M/S. STATE INDUSTRIES PROMOTION CORPORATION OF TAMILNADU LIMITED

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

May 2026

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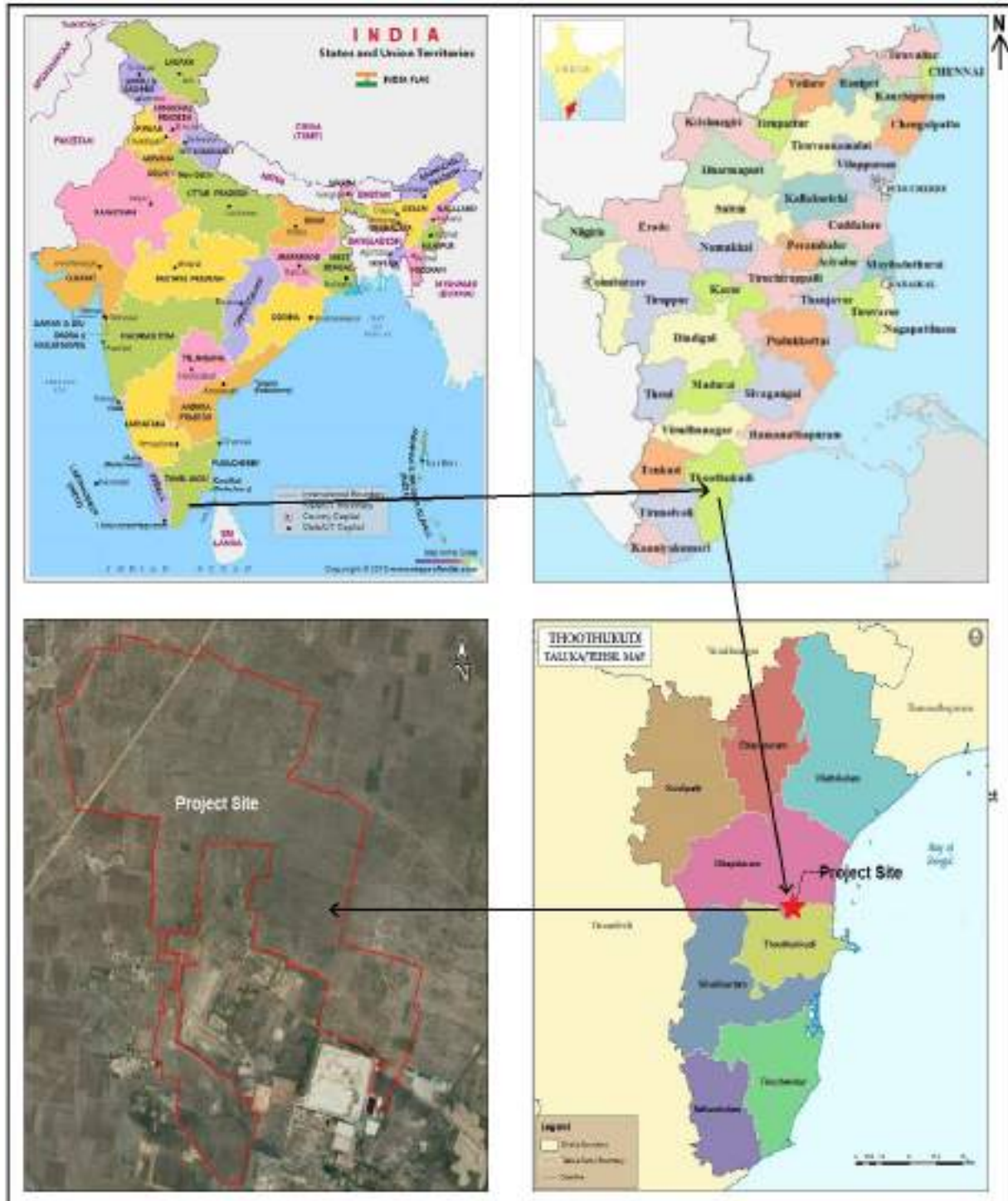
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1.0 PROJECT DETAILS

Name of the Project	“Development of Industrial Park at Thoothukudi”
Name of the Proponent	State Industries Promotion Corporation of Tamil Nadu Limited (SIPCOT)
Location	Therkuveerapandiyapuram Village of Ottapidaram Taluk & Meelavittan Village of Thoothukudi Taluk, Thoothukudi District, Tamil Nadu.
EC. No	EC Identification No. EC22B039TN127123 dated 07.02.2022 SEIAA Letter No. SEIAA- TN/F.No/7939/EC/8(b)/796/2022 dt.02.02.2022 (Enclosed as Annexure-1)
Total Extent	466.503 Hectares
Water Requirements	Total water requirement: 10242 KLD Fresh water: 940 KLD, Treated sewage from Thoothukudi Municipality: 6602 KLD (for green belt) Recycled water: 2700 KLD). Source: TWAD Fresh water - Existing SIPCOT water supply scheme from Thamirabarani River Treated sewage- Thoothukudi Municipality’s STP at Tharuvaikulam.
Project Cost	Rs.253 Crores

2.0 LOCATION MAP



3.0 SITE PHOTOGRAPHS



4.0 SIX MONTHLY ENVIRONMENTAL CLEARANCE COMPLIANCE STATEMENT

SEAC Specific Conditions:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
1.	The project proponent shall continuously operate and maintain the Sewage treatment plant & Grey Water Treatment Plant to achieve the standards prescribed by the TNPCB/CPCB.	STP is not proposed by SIPCOT. All the member Industries will be mandated to provide STP and ETP to achieve the TNPCB/CPCB prescribed standards.
2.	The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc. to SEIAA.	Condition Noted.
3.	The height of the stacks of DG sets shall be provided as per the CPCB norms.	Condition will be complied.
4.	The project proponent shall allot necessary area for the collection of E waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E waste generation within the premise.	Condition will be complied. Separate area has been earmarked for Solid waste management including shed for E- Waste Management Facility has been proposed. All the member units will be instructed to follow applicable rules and guidelines.
5.	The proponent shall make proper arrangements for the disposal of the treated water from the proposed site for Toilet flushing. Green belt development & OSR and no treated water be let out of the premises.	Condition noted. . STP is not proposed by SIPCOT. All the member Industries will be mandated to provide STP and the treated water to be reused for their toilet flushing and greenbelt development.
6.	The sludge generated from the Sewage Treatment Plant shall be collected and dewatered using filter press and the same shall be utilized as manure for green belt development after composting.	STP is not proposed by SIPCOT. All the member Industries shall comply with.
7.	The proponent shall provide the separate wall between the STP and OSR area as per the layout furnished as committed.	Condition Noted. Construction will be made as per the DTCP approved layout.

8.	The purpose of Green belt around the Project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species Should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e planting different types of trees at very close intervals may be tried which will give a good green cover. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner and the same shall be include in the layout out plan to be submitted for CMDA, DTCP approval. The total green belt area should be minimum 15% of the total area and the small shall not be used for car parking/OSR.	Condition is being complied. Greenbelt will be developed in minimum 33% of total developable area with indigenous native species. Greenbelt photographs are enclosed as Annexure -13.
9.	The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the pubic usage and as committed.	Condition noted.
10.	The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed	Condition noted.
11.	The project proponent shall obtain the	Condition will be complied.

	necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016. as amended for the generation of Hazardous waste within the premises.	All the member units will be instructed to follow applicable rules and guidelines.
12.	No waste of any type to be disposed off in any other way other than the approved one.	Condition Noted.
13.	The proponent shall provide the dispenser for the disposal of Sanitary Napkins.	Condition noted.
14.	All the mitigation measures committed by the proponent for the flood management, to avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.	Condition is being complied. All the mitigation measures committed by the proponent will be followed. Individual industries will provide necessary mitigation measures for air pollution control, noise management, solid waste disposal, and sewage treatment & disposal as per the prescribed norms. Storm drain photographs are attached as Annexure-14.
15.	The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines as committed for during SEAC meeting.	Condition will be complied.
16.	The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post – COVID period.	Condition will be complied. All the member units shall comply with.
17.	The project proponent shall measure the criteria air pollutants data (including CO) due to traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.	Condition is being complied. Air quality monitoring report is enclosed as Annexure- 3.
18.	Solar energy should be at least 10% of total energy utilization. Application of	Condition noted.

	solar energy should be utilized maximum for illumination of common areas, street lighting etc.	
19.	As per the MoEF&CC Office Memorandum F. No. 22-6512017-IA.1 Dated: 30.09.2020 and 20.10.2020 the proponent shall furnish the detailed EMP and revised CER shall be furnished before placing the subject to SEIAA.	Condition complied.

SEIAA Additional Conditions:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
1.	The proponent shall ensure that all the construction of Buildings by the individual Industry shall be energy efficient and conform to the green building norms.	Condition noted. All the member units will be instructed to comply with applicable rules and guidelines.
2.	The proponent shall provide the adequate health care facility within the premises.	Condition noted and will be complied.
3.	The proponent shall provide the adequate parking facility within the premises with clear traffic plan.	Condition noted. All the member units will be instructed to comply with.
4.	The proponent shall ensure that eateries provided if any within the premises shall be maintained in hygienic way.	Condition noted. All the member units will be instructed to comply with applicable rules and guidelines.
5.	The proponent shall ensure that no treated or untreated trade effluents/sewage shall be discharged outside the premises under any circumstances.	STP is not proposed by SIPCOT. Individual industries will be mandated to have their own STP/ETP for treatment of wastewater and will not discharge outside the project premises.
6.	The proponent shall start the development of Industrial park only after completing the land acquisition for the total area (466.503 ha) of proposed development of industrial park.	Condition noted.

7.	The proponent shall furnish the necessary documents for complete land acquisition for the total area (466.503 ha) of proposed development of industrial park to TNPCB before obtaining CTE.	Condition complied.
8.	The proponent shall furnish the break up details of land acquisition in regard to Patta & Poramboke land excluding areas occupied by water bodies within the proposed total area of industrial park as per the village map together with survey numbers.	Condition complied.
9.	The proponent shall ensure that the activities should not result in temperature rise, nor lead to rise in carbon dioxide and other gases that add to climate change.	Condition noted.
10.	All the existing trees, biodiversity and water bodies within the premises should be protected.	Condition noted.
11.	Action should be initiated to cover 33% of the total project area under green belt development with native species.	Condition will be complied. Green belt photographs are enclosed as Annexure- 13.
12.	All mitigation measures as suggested in the EIA / EMP and disaster management plan to be strictly adhered.	All the member units will be instructed to comply with.

PART A - Common condition applicable for Pre-construction, Construction and Operational Phase:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
1.	Any appeal against this Environmental Clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.	Condition Noted.
2.	The Construction of STP, ETP, Solid Waste Management Facility, E-waste Management Facility, DG sets, etc., should be made in the earmarked area only. In any case, the location of these utilities should not be changed later on.	Condition Noted. Construction will be carried out as per the DTCP approved layout.
3.	The Environmental safeguards contained in the application of the proponent/ mentioned during the presentation before the State Level Environment Impact Assessment Authority / State Level Expert Appraisal Committee should be implemented in the letter and spirit.	Condition Noted. SIPCOT shall comply with all applicable conditions issued in the EC.
4.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire and Rescue Services Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wild Life (Protection) A, 1972, State/Central Ground Water Authority, Coastal Regulatory Zone Authority, other statutory and other authorities as applicable to the project shall be	Condition will be complied. All the member units will be instructed to obtain all necessary statutory clearances and approvals. Consent to Establish copy is enclosed as Annexure-2.

	obtained by project proponent from the concerned competent authorities.	
5.	The SEIAA reserves the right to add additional safeguard measures subsequently. If non-compliance of any of the EC conditions is found and to take action, including revoking of this Environmental Clearance as the case may be.	Condition Noted. SIPCOT comply with all applicable conditions issued in the EC.
6.	A proper record showing compliance of all the conditions of Environmental Clearance shall be maintained and made available at all the times.	Condition Noted. Screenshot of compliance report uploaded in website is enclosed as Annexure-6.
7.	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 Pollution Control Board as prescribed under the Environment (protection) Rules. 1986. as amended Subsequently. Shall also be put on the website of the company. The status of compliance of environmental Clearance conditions and shall also be, sent to the Regional Office of the Ministry of Environment and Forests. Chennai by e-mail.	Condition complied. Proof for submission of Form V to TNPCB is enclosed as Annexure -8. The Screenshot of environmental statement uploaded in the SIPCOT website is enclosed as Annexure -12. The screenshot of compliance report uploaded in the SIPCOT website is attached as Annexure - 6. Proof for submission of Half Yearly Compliance to competent authorities is enclosed as Annexure- 7.
8.	The Regional Office of the Ministry Located at Chennai shall monitor Compliance of the stipulated conditions. The project authorities Should extend full cooperation to the Officer (s) of the Regional Office by furnishing the requisite data information monitoring reports.	Condition Noted.
9.	Consent For Establishment" shall be	CTE Vide consent no: 2201241542929 and 2201141542929 Dated: 29/07/2022 obtain from TNPCB.

	obtained from the Tamil Nadu pollution Control Board and a copy shall be submitted to the SEIAA. Tamil Nadu.	CTE copy is enclosed as Annexure-2.
10.	In the case of any changes in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.	Condition Noted. There is no change in the scope of the project.
11.	The conditions will be enforced inter- alia. Under the provisions of the Water (Prevention & Control Of pollution) Act, 1974, the Air (prevention Pollution) Act, 1981, the Environment (protection) Act, 1986. The public Liability Insurance Act, 1991, along with their amendments, draft minor mineral Conservation & Development Rules Sale & Control of Act. 1986, the public ,draft Minor Mineral 2010 framed Under MMDR Act 1957,National Commission for protection Of Child Right Rules,2006 and rules Made there under and also any other orders passed by the Hon.ble Supreme Court of India ,/Hon'ble High Court of Madras and Any other Courts of Law. Including the Hon'ble National Green Tribunal relating to the subject matter.	Condition noted . CTE Vide consent no: 2201241542929 and 2201141542929 Dated: 29/07/2022 obtain from TNPCB. CTE copy is enclosed as Annexure-2.
12.	The Environmental Clearance shall not be cited for relaxing the other applicable rules to this project.	Condition Noted.
13.	Failure to comply with any of the condition mentioned above may result in withdrawal of this clearance and attract action under the provision of the Environment (Protection) Act, 1986.	Condition Noted. SIPCOT shall comply with all applicable conditions issued in the EC.
14.	The proponent shall upload the status of compliance of the stipulated EC	Condition is being complied. We SIPCOT uploaded the status of Compliance

	condition, 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, Bangalore and the TNPCB. The Criteria pollutant levels namely PM 10, PM 2.5, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectional parameters' indicated for the project shall be monitored.	of the stipulated EC condition along with monitored data on our website and the same is enclosed as Annexure - 6. We update the same periodically and simultaneously sent to the regional office of MoEF, Chennai, the respective Zonal Office of CPCB, Bangalore and the TNPCB. Proof for submission of Half Yearly Compliance to competent authorities is enclosed as Annexure -7. The air quality monitoring report is enclosed as Annexure -3.
15.	The SEIAA, TN may cancel the environmental clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of if it is found or if it comes to the Knowledge of this SEIAA. TN that the project proponent has deliberately concealed and/or this environmental clearance. Submitted false or misleading Information or inadequate data for obtaining the environmental clearance.	Condition Noted.
16.	The Environmental Clearance does not imply that the other statutory, administrative clearances shall be granted to the project by the concerned Authorities. Such authorities would be considering the project on merits and be taking decisions independently of the Environmental Clearance'.	Condition Noted.
17.	The SEIAA, TN may alter/modify the above condition in the interest of environmental protection, even during the subsequent period.	Condition Noted.
18.	The Environmental Clearance does not absolve the applicant/ proponent of his obligation/ requirement to obtain other statutory and administration clearances from other statutory and administrative authorities.	Condition Noted.

19.	Where the trees need to be cut, compensation plantation in the ratio of 1:10 (planting of 10 trees for every one tree that is cut) should be done with the obligation to continuous maintenance.	Condition noted. Greenbelt photograph is enclosed as Annexure - 13.
20.	A separate environmental management cell with suitable qualified personnel should be set – up under the control of a senior Executive who will report directly to the head of the organization and the shortfall shall be strictly reviewed and addressed.	Condition complied. Separate environmental management cell has been assigned and will report to the General Manager, SIPCOT who will report directly to the Head of the Organization for implementation monitoring and compliance of the environmental safeguards. Details of Environmental Management Cell with Roles and Responsibilities are enclosed as Annexure – 11.
21.	The EMP cost shall be deposited in a Nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually.	Condition Noted.
22.	The project activity should not cause any disturbance & deterioration of the local bio-diversity.	Condition Noted.
23.	The project activity should not Impact the water bodies. A detailed inventory of the water bodies forest should be evaluated and fact reported to the Forest Department & PWD for monitoring	Condition Noted.
24.	All the assessed flora & fauna should be conserved and protected.	Condition Noted.
25.	The proponent should strictly comply with. Tamil Nadu Government Order (Ms) No.84 Environment and forests (EC.2) Department dated 25.06.2018 regarding Ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.	Condition noted. All the member units instructed to comply applicable rules and guidelines.

26.	As per MoEF & CC Gol, Office Memorandum dated 30.03.2015 prior clearance from Forestry & wildlife angle as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10 Km from National Park and Sanctuaries.	Not applicable. No National Park or Sanctuaries is located within 10 km from Industrial Park boundary.
27.	Traffic congestion near the entry and exist points from the roads adjoining the proposed project site must be avoided.	Condition Noted. There is no traffic congestion near the entry and exit points of the roads.
28.	The safety measures proposed in the report should be strictly followed.	Condition noted.
29.	The Developer shall ensure that no allotment letter/ sale deed in any form shall be made to house category A or category B industry as prescribed in the schedule of EIA notification 2006. However, in case any category A or category B type of industry as prescribed in the schedule of EIA notification 2006 is proposed then the individual unit shall apply and seek Environmental Clearance under the EIA notification 2006.	Condition noted.
30.	The Developer shall mandate the member industries of the Industrial Park to allot 33% of the plot area for green belt development and to install RWH structures.	Condition is being complied. All the member industries will be mandated to comply with. Photographs of Greenbelt is enclosed as Annexure-13 .
31.	The Developer has to ensure that all the member industries within the Industrial Park shall make their own arrangements to achieve zero discharge of the trade effluents, solid waste & E waste management, gaseous emission and noise control measures to achieve the standards prescribed by the TNPCB.	Condition will be complied. All the member units will be mandated to establish individual Effluent Treatment Plants (ETPs) with Zero Liquid Discharge (ZLD) systems and shall not discharge any effluent outside the Industrial

32.	The project proponent shall ensure that the individual member units will not be allowed to carry out manufacturing of products stipulated in G.O. (Ms) No. 84 dated 25/06/2018 on banning of one time use on and throw away plastic.	Condition noted. All the member units will be instructed to follow applicable rules and guidelines.
33.	The project proponent must submit the permissible land use classification certificate obtained from competent authority for the proposed project before obtain the CTE from TNPCB.	Condition complied. Land use classification certificate is obtained from competent authority for the proposed project.
34.	The CER fund shall be utilized as per the office memorandum of MoEF&CC dated 01.05.2018 before obtaining CTO from TNPCB.	Condition will be complied.
35.	The allotted industrial units shall obtain consent from the TNPCB separately for their establishment & operation in this industrial estate.	Condition Noted. All the member units will be mandated to obtain all the necessary statutory clearances and approvals as applicable.
36.	The project proponent shall ensure that 33% of the total area of the project site should be covered with greenbelt.	Condition will be complied. Greenbelt photograph is enclosed as Annexure - 13.
37.	The proponent shall provide Rain Water Harvesting pits so as to recharge the ground water table.	Condition will be complied.
38.	Discharge of treated sewage shall conform to the norms & standards prescribed by the Tamil Nadu Pollution Control Board.	All the member units will be instructed to follow applicable rules and guidelines.
39.	It is the sole responsibility of the proponent that the treated sewage disposed for greenbelt development /avenue plantation should not pollute the soil/ groundwater/ adjacent canals/ lakes/ ponds, etc.	All the member units will be instructed to follow applicable rules and guidelines.

40.	The Developer has to ensure that all the member industries within the Industrial Park shall make their own arrangements to achieve zero discharge of the trade Effluents.	All the member units will be mandated to provide ETP with Zero Liquid Discharge system and to handle the domestic wastewater as per the prescribed standards.
41.	The project proponent shall ensure that all the member units should treat and dispose solid waste & E-waste as per the Solid Waste Management Rule 2016 as amended and E-Waste Management Rules, 2016.	Condition will be complied.
42.	There shall be no discharge of effluent outside the Industrial Park at any time.	Condition Noted. All the member units will be mandated to provide individual ETP with Zero Liquid Discharge system and not to discharge effluent outside the IP.
43.	The Developer shall mandate the member units of the Industrial Park to install adequate APC measures / Acoustic to achieve air emissions standards within permissible limits prescribed by the CPCB.	Condition Noted. All the member units will be instructed to follow applicable rules and guidelines. Air quality monitoring report is enclosed as Annexure- 3.

Part- B – Specific Conditions – Pre Construction Phase:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
1.	The project authorities should advertise with basic details at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of clearance. The press releases also mention that copy of the clearance letter is available with the state pollution Control Board and also at website of SEIAA, TN. The copy of the press release should be forwarded to the Regional Office of the Ministry of Environment and Forests located at Chennai and SEIAA- TN.	Condition complied. Newspaper advertisement copy and the copy of the press release submitted to the Regional Office of the Ministry of Environment and Forests located at Chennai and SEIAA- TN is enclosed as Annexure -9.
2.	In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.	Condition Noted. There is no change in the scope of project.
3.	A copy of the clearance letter shall be sent by the proponent to the Local Body. The clearance letter shall also be put on the website of the Proponent.	Condition complied. The proof of submission of EC copy to Local Body is enclosed as Annexure -10. Screenshot of EC copy uploaded in website is enclosed as Annexure- 5.
4.	The approval of the competent authority shall be obtained for structural safety of the buildings during earthquake adequacy of fire fighting equipments, etc as per National Building Code including protection measures from lightning etc before commencement of the work.	Condition will be complied.
5.	All required sanitary and hygienic measures for the workers should be in place before starting construction activities and they have to be maintained throughout the construction phase.	Condition Noted.

6.	Design of building should be in conformity with the Seismic Zone Classifications.	Condition Noted.
7.	The Construction of the structures should be undertaken as per the plans approved by the concerned local authorities/local administration.	Construction will be carried out as per the DTCP approved layout.
8.	No construction activity of any kind shall be taken up in the OSR area.	Condition Noted.
9.	Consent of the local body concerned should be obtained for using the treated sewage in the OSR area for gardening purpose. The quality of treated sewage shall satisfy the bathing quality prescribed by the CPCB.	Condition Noted. All the member units will be instructed to follow applicable rules and guidelines.
10.	The height and coverage of the constructions shall be in accordance with the existing FSI/ FAR norms as per Coastal Regulation Zone Notification, 2011.	Condition is not applicable. Site does not fall in CRZ area.
11.	The Project Proponent shall provide car parking exclusively for the visiting guest in the proposed residential apartments as per CMDA norms.	Condition is not applicable. Proposed project is an industrial park.
12.	The project proponent shall ensure the level of basement shall be above maximum flood level.	Condition Noted.
13.	The proponent shall prepare completion plans showing Separate pipelines marked with different colours with the following details 1. Location of STP, compost system, underground sewer line 2. Pipeline conveying the treated effluent for green belt development 3. Pipeline conveying the treated effluent for toilet flushing 4. Water supply pipeline 5. Gas supply pipe line, if proposed 6. Telephone cable	Condition applicable will be complied.

	7. Power cable 8. Storm water drains, and 9. Rain water harvesting system and it shall made available to the owners	
14.	A First Aid Room shall be provided in the project site during the entire construction and operation phases of the project.	Condition will be complied. All the member units will be instructed to have their own Occupational Centre
15.	The present land use surrounding the project site shall not be disturbed at any point of time.	Condition noted.
16.	The green belt area shall be planted with indigenous native trees.	Condition will be complied. Greenbelt are developed with native indigenous species. Green belt photograph is enclosed as Annexure- 13.
17.	Natural vegetation listed particularly the trees shall not be removed during the construction/operation phase. In case any trees are likely to be disturbed, shall be replanted.	Condition is being complied. Greenbelt photographs is enclosed as Annexure - 13.
18.	During the construction and operation phase, there should be no disturbance to the aquatic eco-system within and outside the area.	Condition Noted.
19.	The Provisions of Forest conservation Act 1980, Wild Life Protection Act 1972 & Bio diversity Act 2002 should not be violated.	Condition Noted.
20.	There should be Firefighting plan and all required safety plan.	All the member units shall comply with.
21.	Regular fire drills should be held to create awareness among owners/ residents.	All the member units shall comply with.

Part - C – Specific Condition – Construction phase:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
1.	Construction Schedule:	
	(i) The Project proponent shall have to furnish the probable date of commissioning of the project supported with necessary bar charts to SEIAA-TN.	Condition Noted.
2.	Labour Welfare:	
	i) All the labourers to be engaged for construction should be screened for health and adequately treated before and during their employment on the work at the site.	Condition noted. All the member units will comply with.
	ii) Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health Surveillance program of the workers should be undertaken periodically to observe any contradictions due to exposure to dust and take corrective measures, if needed.	Condition will be complied. All the member units will comply with.
	iii) Periodical medical examination of the workers engaged in the project shall be carried out and maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly. The workers shall be provided with personnel protective measures such as masks, gloves, boots, etc.	Condition noted. All the member units will comply with.

3.	Water Supply:	
	i) The entire water requirement during construction phase may be met from ground water source from the source with approval of the PWD Department of water resources/ may be out source.	Condition Noted.
	ii) Provision shall be made for the housing labour within the site with all necessary infrastructures and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Condition not applicable. Local labours will be employed for the project. Labour Housing is not proposed by SIPCOT.
	iii) Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The treatment and disposal of wastewater shall be through dispersion trench after treatment through septic tank. The MSW generated shall be disposed through Local Body and the identified dumpsite only.	Condition Noted. All the member units shall comply with.
	iv) Water demand during construction should be reduced by use of premixed concrete, curing agents and other best practices prevalent.	Condition Noted. All the member units shall comply with.
	v) Fixtures for showers, toilet flushing and drinking water should be of low flow type by adopting the use of aerators / pressure reducing devices / sensor-based control.	Condition Noted. All the member units shall comply with.
4.	Solid Waste Management:	
	i) In the solid waste management plan, the STP sludge management plan for direct use as manure, gardens is not acceptable; it must be co-composted with biodegradables.	Condition Noted. No STP has been proposed under SIPCOT common infrastructure; hence, generation of STP sludge does not arise. Individual industries shall manage STP sludge, if any, in compliance with applicable statutory provisions.

	ii) Household hazardous wastes such as batteries, small electronics, CFL bulbs expired medicines and used cleaning solvent bottles should be segregated at source, in a month from residences and disposed as per the SWM rules 2016.	Not applicable. It is development of industrial park
	iii) Domestic solid wastes to be regularly collected in bins or waste handling receptacles and solid waste management rules 2016.	Condition noted and will be complied. All the member units will be instructed to follow applicable rules and guidelines.
	iv) No waste of any type disposed of in any watercourse including drains, canals and the surrounding environment.	Condition Noted.
	v) E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016 and subsequent amendment.	Condition noted and will be complied. All the member units will be instructed to follow applicable rules and guidelines.
5.	Topsoil Management:	
	i) All the topsoil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.	Condition will be complied. All the member units will be instructed to use the topsoil excavation for landscape development within the premises.
6.	Construction Debris disposal:	
	i) Disposal of construction debris during construction phase should not create any adverse effect on the neighbouring communities and be disposed off only in approved sites, with the approval of Competent Authority with necessary precautions for general safety and health aspects of the people, The construction and demolition waste shall be managed as per Construction & Demolition Waste Management rules, 2016.	Condition noted. All the member units will be instructed to follow applicable rules and guidelines.

	ii) Construction spoils, including bituminous materials and other hazardous materials must not be allowed to contaminate watercourses. The dump sites for such materials must be secured so that they should not leach into the adjacent land/lake/ stream etc.	Condition will be complied. All the member units will be instructed to comply with.
7.	Diesel Generator sets:	
	i) Low Sulphur Diesel shall be used for operating diesel generator sets to be used during construction phase. The air and noise emission shall conform to the standards prescribed in the Rules under the Environment (Protection) Act, 1986, and the Rules framed thereon.	All the member units will be instructed to follow applicable rules and guidelines. Air and noise monitoring report is enclosed as Annexure – 3.
	ii) The diesel required for stand by DG sets shall be stored in underground tanks fulfilling the safety norms and if required, clearance from Chief Controller of explosives shall be taken.	Condition Noted. All the member units will be instructed to obtain necessary approvals / clearances.
	iii) The acoustic enclosures installed at all noise generating equipments such as DG sets, air conditioning systems, cooling water tower etc.	All the member units will be instructed to follow applicable rules and guidelines.
8.	Air & Noise Pollution Control:	
	i) Vehicles hired for bringing construction materials to the site should be in good condition and should conform to air and noise emission standards, prescribed by TNPCB/CPCB. The vehicles should be operated only during non-peak hours.	Condition will be complied. All the member units will be instructed to follow applicable rules and guidelines.

	ii) Ambient air and noise levels should conform to residential standards prescribed by the TNPCB, both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during the construction phase. The pollution abatement measures shall be strictly implemented.	Condition is being complied. Ambient Air and Noise monitoring report is enclosed as Annexure – 3. All the member units will be instructed to follow applicable rules and guidelines.
	iii) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site shall be avoided. Parking shall be fully internalized and no public space should be utilized. Parking plan to be as per DTCP norms. The traffic department shall be consulted and any cost-effective traffic regulative facility shall be met before commissioning.	Condition Noted. All the member units shall comply with.
	iv) The buildings should have adequate distance between them to allow free movement of fresh air and passage of natural light, air and ventilation.	All the member units shall comply with.
9.	Building material:	
	i) Fly-ash blocks should be used as building material in the construction as per the provision of Fly ash Notification of September, 1999 and amended as on 27th August, 2003 and Notification No. S.O. 2807 (E) dated: 03.11.2009.	All the member units will be instructed to follow applicable rules and guidelines.
	ii) Ready-mix concrete used in building construction and necessary cube tests should be conducted ascertain their quality.	Condition will be complied.
	iii) Use of glass shall be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, high quality double glass with special reflecting coating shall be used in windows.	All the member units will be instructed to follow applicable rules and guidelines.

10.	Storm Water Drainage:	
	i) Storm water management around the site and on site shall be established by following the guidelines laid down by the storm water manual.	Condition is being complied. All the member units will be instructed to comply with necessary rules and guidelines. Storm drain photographs is enclosed as Annexure-14.
	ii) Storm water management plan shall be obtained by engaging the services of Anna University/IIT.	Condition Noted.
11.	Energy Conservation Measures:	
	i) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material, to fulfil the requirement	All the member units will be instructed to comply with necessary rules and guidelines.
	ii) Opaque wall should meet prescribed requirement as per Energy Conservation Building Code which is mandatory for all air-conditioned spaces by use of appropriate thermal insulation material to fulfil the requirement.	All the member units will be instructed to comply with necessary rules and guidelines.
	iii) All norms of Energy Conservation Building Code (ECBC) and National Building Code, 2005 as energy conservation have to be adopted Solar lights shall be provided for illumination of common areas.	All the member units will be instructed to comply with necessary rules and guidelines.
	iv) Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting. A hybrids system or fully solar system for a portion of the apartments shall be provided.	Condition noted. All the member units shall comply with.
	v) A report on the energy conservation measures conforming to energy conservation norms prescribed by the Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology; R & U factors etc and submitted to the SEIAA in three month's time.	All the member units shall comply with.

	vi) Energy conservation installation of CFLs/TFLs for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.	Condition will be complied. LED light photograph of the same is enclosed as Annexure - 15.
12.	Fire Safety:	
	i) Adequate fire protection equipment and rescue arrangements should be made as per the prescribed standards.	Condition will be complied.
	ii) Proper and free approach road for fire-fighting vehicles upto the buildings and for rescue in the event of emergency shall be made.	Condition will be complied.
13.	Green Belt Development:	
	i) The Project Proponent shall plant tree species with large potential for carbon capture in the proposed green belt area based on the recommendation of the Forest department well before the project is completed.	Condition will be complied. Greenbelt area photograph is enclosed as Annexure - 13.
	ii) The purpose of green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. If possible Miyawaki method of planting i.e planting different types of trees at very close intervals may be tried which will give a good green cover. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an	Condition will be complied. Greenbelt will be developed with indigenous native species. Greenbelt photographs are enclosed as Annexure- 13.

	organized manner and the same shall be included in the layout plan to be submitted for CMDA/ DTCP approval. The total green belt area should be minimum 15% of the total area and the same shall not be used for car parking/ OSR.	
	iii) The proponent shall develop the green belt as per the plan furnished and area earmarked for the greenbelt shall not be alter at any point of time for any other purpose.	Condition Noted. Greenbelt will be developed as per the layout approval.
	iv) The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area and the same shall be included in the layout out plan to be submitted for DTCP approval.	Condition Noted. Greenbelt will be developed as per the layout approval.
14.	Sewage Treatment Plant:	
	i) The Sewage Treatment Plant (STP) installed should be certified by an independent expert / reputed academic institution for its adequacy and a report in this regard should be submitted to the SEIAA, TN before the project is commissioned for operation, explore the less power consuming systems viz. baffle reactor, etc., for the treatment of sewage.	STP is not proposed by SIPCOT. Individual industries shall comply with.
	ii) The Proponent shall install STP as furnished. Any alteration to satisfy the bathing quality shall be informed to SEIAA-TN.	STP is not proposed by SIPCOT. Individual industries are instructed to install STP as furnished. Any alteration to satisfy the bathing quality will be informed to SEIAA-TN.
	iii) The project proponent shall operate and maintain the Sewage treatment Plant effectively to meet out the standards prescribed by the CPCB.	STP is not proposed by SIPCOT. All the member Industries will be mandated to provide adequate capacity of STP and the treated sewage will be reused for their greenbelt
	iv) The project proponent shall continuously operate and maintain the Sewage treatment plant to achieve the standards prescribed by the CPCB.	STP is not proposed by SIPCOT. All the member Industries will be mandated to provide adequate capacity of STP and the treated sewage will be reused for their greenbelt

	v) The project proponent has to ensure the complete recycling of treated sewage after achieving the standards prescribed by the CPCB.	STP is not proposed by SIPCOT. All the member Industries will be mandated to provide adequate capacity of STP and the treated sewage will be reused for their greenbelt
	vi) The project proponent has to provide separate standby D.G set for the STP for the continuous operation of the STP in case of power failure.	STP is not proposed by SIPCOT. Individual industries shall comply with.
15.	Rain Water Harvesting:	
	i) The proponent/Owner of the Flats shall ensure that roof rainwater collected from the covered roof of the buildings, etc shall be harvested so as to ensure the maximum beneficiation of rainwater harvesting by constructing adequate sumps so that 100% of the harvested water shall be reused.	Condition Noted.
	ii) Rainwater harvesting for surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment with screens, settlers etc. must be done to remove suspended matter, oil and grease, etc.	Condition Noted. All the member units shall comply with.
	iii) The project activity should not cause any disturbance & deterioration of the local bio diversity.	Condition Noted.
16.	Building Safety:	
	Lightning arrester shall be properly designed and installed at top of the buildings and wherever is necessary.	Condition will be complied.

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

Not Applicable – Since the project is under construction phase.

5.0 ENVIRONMENTAL MONITORING DETAILS

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

5.1 Ambient air quality monitoring

The ambient air quality parameters such as suspended Particulate matter (PM10), Respirable Particulate matter (PM 2.5), Sulphur dioxide, Oxides of Nitrogen (NOx), Ammonia, Ozone and Carbon monoxide were monitored during the period of **October 2025 to March 2026**. The test report of ambient air quality is attached as **Annexure –3**.

5.2 Ambient Noise level monitoring

Ambient Noise level was Monitored and the test report of ambient noise recorded during the period of **October 2025 to March 2026** and the report is attached as **Annexure - 3**.

5.3 Soil quality monitoring

The soil samples were collected during the period of **October 2025 to March 2026** and analyzed for nutrients and heavy metals. The test report of soil samples analyzed is attached as **Annexure –3**.

5.4 Ground water quality monitoring

The ground water samples were collected and analysed during the period of **October 2025 to March 2026**. The test report of ground water samples is attached as **Annexure -3**.

5.5 Surface water quality monitoring

The surface water samples were collected and analysed during the period of **October 2025 to March 2026**. The test report of surface water samples collected is attached as **Annexure 3**.

Environmental Monitoring Photographs are enclosed as **Annexure -4**.

6.0 CONCLUSION

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

ENVIRONMENTAL
CLEARANCE

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

To,

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

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

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)
 in respect of project submitted to the SEIAA vide proposal number
 SIA/TN/NCP/57497/2020 dated 25 Aug 2021. The particulars of the environmental
 clearance granted to the project are as below.

- | | |
|---|--|
| 1. EC Identification No. | EC22B039TN127123 |
| 2. File No. | 7939/2020 |
| 3. Project Type | New |
| 4. Category | B1 |
| 5. Project/Activity including
Schedule No. | 8(b) Townships and Area Development
projects. |
| 6. Name of Project | Development of Industrial Park at
Therkuveerapandiyapuram Village of
Ottapidaram Taluk and Meelavittan village
of Thoothukudi Taluk in Thoothukudi
District over an extent of 466.503 Ha |
| 7. Name of Company/Organization | STATE INDUSTRIES PROMOTION
CORPORATION OF TAMILNADU
LIMITED (SIPCOT) |
| 8. Location of Project | Tamil Nadu |
| 9. TOR Date | 09 Aug 2021 |

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

Date: 07/02/2022

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

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

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PARIVESH

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 and Virtuous Environmental Single-Window Hub)*





STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY – TAMIL NADU

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

ENVIRONMENTAL CLEARANCE (EC)

Letter No. SEIAA-TN/F. 7939/EC/ 8(b)/796/2022 dated: 02.02.2022.

To

The Managing Director

M/s. State Industries Promotion Corporation of Tamil Nadu Limited.

19-A, Rukmani Lakshmipathy Road

Post Box No.7223

Egmore

Chennai-600 008

Sir,

Sub: SEIAA, TN - Environmental Clearance – Proposed establishment of Industrial Park 466.503Ha at Therkuveerapandiyapuram Village & Meelavittan Village by M/s. State Industries Promotion Corporation of Tamil Nadu Limited at Survey No: 61/1, 62/2, 63/1, 70/1, 70/2, 71, 72/2A, 72/2B, 73/1, 73/2, 73/4, 74/1, 74/3, 74/4, 75/1, 75/2, 75/3A, 75/3B, 75/4, 76/1, 76/2, 76/3, 76/4, 76/5, 76/6, 76/7, 77/1, 77/2, 77/3, 77/4, 77/5, 285/1A, 285/1B, 285/1C, 285/2, 286, 287, 288/1, 288/2, 288/4, 289/3, 326/1, 339, 342, 349, 362/2, 372/2, 374/4, 343/1, 343/2, 343/3A, 343/3B, 350/1, 350/2, 351/1, 351/2A, 351/2B, 351/4, 351/5, 351/6, 353/3, 358/1A, 358/1B, 359/1, 359/2, 359/3, 359/4, 360/1, 360/2, 361/1, 364, 371/1, 371/2, 371/3, 373/1, 373/2, 373/3, 373/4, 363/1, 363/2, 363/3, 363/4, 366/1, 366/2, 366/3, 366/4, 372/1, 372/3, 374/2, 374/3, 375, 376/1A, 376/1B, 406/1, 406/2, 406/3, 301/1, 315/4, 316/3, 317/3, 318/1, 288/3, 351/3, 353/4, 358/2, 361/2, 363/5, 374/1, 61/3, 62/5, 63/5, 65/2, 72/1, 73/1, 74/2, 1/2, 2/1, 2/3, 3/1, 3/3, 14/5, 17/2, 18/2, 19/3, 21/7, 38/1, 38/2, 44/4, 48/3, 51/3, 128/1, 12, 13, 22, 23, 24, 29, 35, 39/2, 50/2, 52/2, 55, 56, 79, 80, 81, 47/1, 47/3, 47/4, 47/5, 47/6, 62/1, 62/3A, 62/3B, 62/3C, 62/3D, 62/4, 62/6A, 62/6B, 62/7, 62/8, 63/2, 63/3, 63/4A, 63/4B, 63/4C, 63/6A, 63/6B, 64/1, 64/2, 65/1, 65/3, 65/4, 65/5,


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307/1, 307/2, 308/1, 308/2, 309,316/1, 316/2, 316/4, 316/5, 317/1, 317/2, 61/2, 61/4, 310, 311/1A, 311/1B, 311/2A, 311/2B, 311/2C, 312, 313/1, 313/2, 314, 315/1, 315/2, 315/3, 1/1A, 1/1B, 1/3, 2/2, 2/4, 2/5, 3/2A, 3/2B, 4/1, 4/2, 4/3, 6/1, 6/2, 6/3, 6/4, 7, 8/1, 8/2, 9, 10/1, 10/2, 10/3, 10/4, 11/1, 11/2, 11/3, 17/1, 18/1, 19/1, 19/2, 21/1, 21/2, 21/3, 21/4A, 21/4B, 21/4C, 21/4D, 21/5, 21/6, 5, 82/1, 82/2, 83/1, 83/2, 88/1, 88/2, 88/3A, 88/3B, 88/3C, 84/1, 84/2, 85/1, 85/2, 86/1, 86/2, 87, 89, 90/1A, 90/1B, 90/2, 124/1, 124/2, 124/3, 124/4, 124/5, 124/6, 126/1, 126/2, 127/1, 127/2, 127/3, 127/4, 128/2, 128/3, 128/4, 128/5, 14/1, 14/2, 14/3, 14/4, 15/1, 15/2, 15/3, 16/1, 16/2, 20, 25/1,25/2, 25/3, 25/4, 25/5A,25/5B, 26, 30/1, 30/2,27/1A, 27/1B, 27/2, 28,31/1, 31/2, 31/3, 32/1,32/2A, 32/2B, 32/2C, 32/2D, 32/2E, 33/1, 33/2, 33/3, 33/4, 33/5, 33/6, 34, 36/1, 36/2, 37/1, 37/2, 41/1, 41/2, 78/1A, 78/1B, 78/1C, 78/1D, 78/1E, 78/1F, 78/2, 78/3,40/1,40/2,42/1, 42/2,43/1, 43/2, 43/3, 44/1,44/2, 44/3A, 44/3B,48/1A1, 48/1A2, 48/1B, 48/2A, 48/2B, 48/2C, 49, 50/1, 50/3, 51/1, 51/2, 51/4A, 51/4B, 51/5, 51/3, 39/1, 39/3, 52/1, 52/3, 52/4, 52/5, 53/1, 53/2, 53/3, 53/4, 54/1,54/2, 54/3A, 54/3B, 54/3C, 54/4, 57/1, 57/2, 58/1, 58/2, 59/1, 59/2, 59/3, 60 of Therkuveerapandiyapuram Village, Ottapidaram Taluk and Survey No:26/6, 40/4, 46/3, 47/5, 45/1A, 45/1B, 45/2A, 45/2B, 45/2C, 45/2D, 45/3A,45/3B, 45/3C, 45/4A, 45/4B, 45/4C, 45/5A1, 45/5A2, 45/5B, 45/5C, 45/5D1, 45/5D2, 45/5D3, 46/1, 46/2, 47/1A, 47/1B, 47/1C, 47/1D, 47/1E, 47/1F, 47/2, 47/3A, 47/3B, 47/3C, 47/3D, 47/4A, 47/4B, 47/4C, 47/4D, 48/1, 48/2, 49/1, 49/2, 50/1, 50/2, 51, 52/1, 52/2, 26/3A, 26/4, 33/Pt, 34/1A1, 34/1A2, 34/1B2, 34/2A, 34/2B, 34/2C, 34/2D, 34/3, 34/4, 38/4Pt, 39/1, 39/2, 41/1, 41/2, 42/1, 42/2, 43/1,43/2,44/1A, 44/1B1, 44/1B2, 44/2A, 44/2B1, 44/2B2, 44/2B3, 44/3A1, 44/3B1A, 44/3B1B, 44/3B2A, 44/3B2B) of & Meelavittan Village, Thoothukudi Taluk, Thoothukudi District, Tamil Nadu - Issued – Regarding.

Ref: 1. Your application for Terms of Reference dated: 16.10.2020

2. ToR Issued by SEIAA-TN Vide Lr.No.SEIAA-TN/F.No.7939/SEAC/8(b)/ToR-1011/2021 dated: 09.08.2021

3. EIA report submitted to SEIAA-TN on 03.09.2021

4. Minutes of the 233rd SEAC Meeting held on 21.09.2021


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SEIAA-TN

5. Minutes of the 236th SEAC Meeting held on 05.10.2021
6. Minutes of the 239th SEAC Meeting held on 22.10.2021
7. Minutes of the 483rd SEIAA Meeting held on 28.01.2022

This has reference to your application 3rd cited, the proposal is for obtaining Environmental Clearance to establish a construction project under Category B2 and Schedule S.No. 8(b) under the Environment Impact Assessment Notification, 2006, as amended.

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

Annexure 1

PROJECT DETAILS		
SL No	Description	Details
1)	Name of the Project proponent and address	The Managing Director M/s. State Industries Promotion Corporation of Tamil Nadu Limited. 19-A, Rukmani Lakshmipathy Road Post Box no.7223 Egmore Chennai-600 008
2)	Proposed Activity	Proposed establishment of Industrial Park at Therkuveerapandiyapuram Village & Meelavittan Village
3)	Schedule No.	8(b)
4)	Project Location	
	i) Survey No	With a total area of 466.503Ha(1152.26 Acres) 466.503Ha of S.F.Nos. Therkuveerapandiyapuram Village (Survey No: 61/1, 62/2, 63/1, 70/1, 70/2, 71, 72/2A, 72/2B, 73/1, 73/2, 73/4, 74/1,


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	74/3, 74/4, 75/1, 75/2, 75/3A, 75/3B, 75/4, 76/1, 76/2, 76/3, 76/4, 76/5, 76/6, 76/7, 77/1, 77/2, 77/3, 77/4, 77/5, 285/1A, 285/1B, 285/1C, 285/2, 286, 287, 288/1, 288/2, 288/4, 289/3, 326/1, 339, 342, 349, 362/2, 372/2, 374/4, 343/1, 343/2, 343/3A, 343/3B, 350/1, 350/2, 351/1, 351/2A, 351/2B, 351/4, 351/5, 351/6, 353/3, 358/1A, 358/1B, 359/1, 359/2, 359/3, 359/4, 360/1, 360/2, 361/1, 364, 371/1, 371/2, 371/3, 373/1, 373/2, 373/3, 373/4, 363/1, 363/2, 363/3, 363/4, 366/1, 366/2, 366/3, 366/4, 372/1, 372/3, 374/2, 374/3, 375, 376/1A, 376/1B, 406/1, 406/2, 406/3, 301/1, 315/4, 316/3, 317/3, 318/1, 288/3, 351/3, 353/4, 358/2, 361/2, 363/5, 374/1, 61/3, 62/5, 63/5, 65/2, 72/1, 73/1, 74/2, 1/2, 2/1, 2/3, 3/1, 3/3, 14/5, 17/2, 18/2, 19/3, 21/7, 38/1, 38/2, 44/4, 48/3, 51/3, 128/1, 12, 13, 22, 23, 24, 29, 35, 39/2, 50/2, 52/2, 55, 56, 79, 80, 81, 47/1, 47/3, 47/4, 47/5, 47/6, 62/1, 62/3A, 62/3B, 62/3C, 62/3D, 62/4, 62/6A, 62/6B, 62/7, 62/8, 63/2, 63/3, 63/4A, 63/4B, 63/4C, 63/6A, 63/6B, 64/1, 64/2, 65/1, 65/3, 65/4, 65/5, 307/1, 307/2, 308/1, 308/2, 309, 316/1, 316/2, 316/4, 316/5, 317/1, 317/2, 61/2, 61/4, 310, 311/1A, 311/1B, 311/2A, 311/2B,
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	311/2C, 312, 313/1, 313/2, 314, 315/1, 315/2, 315/3, 1/1A, 1/1B, 1/3, 2/2, 2/4, 2/5, 3/2A, 3/2B, 4/1, 4/2, 4/3, 6/1, 6/2, 6/3, 6/4, 7, 8/1, 8/2, 9, 10/1, 10/2, 10/3, 10/4, 11/1, 11/2, 11/3, 17/1, 18/1, 19/1, 19/2, 21/1, 21/2, 21/3, 21/4A, 21/4B, 21/4C, 21/4D, 21/5, 21/6, 5, 82/1, 82/2, 83/1, 83/2, 88/1, 88/2, 88/3A, 88/3B, 88/3C, 84/1, 84/2, 85/1, 85/2, 86/1, 86/2, 87, 89, 90/1A, 90/1B, 90/2, 124/1, 124/2, 124/3, 124/4, 124/5, 124/6, 126/1, 126/2, 127/1, 127/2, 127/3, 127/4, 128/2, 128/3, 128/4, 128/5, 14/1, 14/2, 14/3, 14/4, 15/1, 15/2, 15/3, 16/1, 16/2, 20, 25/1, 25/2, 25/3, 25/4, 25/5A, 25/5B, 26, 30/1, 30/2, 27/1A, 27/1B, 27/2, 28, 31/1, 31/2, 31/3, 32/1, 32/2A, 32/2B, 32/2C, 32/2D, 32/2E, 33/1, 33/2, 33/3, 33/4, 33/5, 33/6, 34, 36/1, 36/2, 37/1, 37/2, 41/1, 41/2, 78/1A, 78/1B, 78/1C, 78/1D, 78/1E, 78/1F, 78/2, 78/3, 40/1, 40/2, 42/1, 42/2, 43/1, 43/2, 43/3, 44/1, 44/2, 44/3A, 44/3B, 48/1A1, 48/1A2, 48/1B, 48/2A, 48/2B, 48/2C, 49, 50/1, 50/3, 51/1, 51/2, 51/4A, 51/4B, 51/5, 51/3, 39/1, 39/3, 52/1, 52/3, 52/4, 52/5, 53/1, 53/2, 53/3, 53/4, 54/1, 54/2, 54/3A, 54/3B, 54/3C, 54/4, 57/1, 57/2, 58/1, 58/2, 59/1, 59/2, 59/3, 60) & Meelavittan Village (Survey No: 26/6, 40/4, 46/3, 47/5, 45/1A, 45/1B,
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		45/2A, 45/2B, 45/2C, 45/2D, 45/3A,45/3B, 45/3C, 45/4A, 45/4B, 45/4C, 45/5A1, 45/5A2, 45/5B, 45/5C, 45/5D1, 45/5D2, 45/5D3, 46/1, 46/2, 47/1A, 47/1B, 47/1C, 47/1D, 47/1E, 47/1F, 47/2, 47/3A, 47/3B, 47/3C, 47/3D, 47/4A, 47/4B, 47/4C, 47/4D, 48/1, 48/2, 49/1, 49/2, 50/1, 50/2, 51, 52/1, 52/2, 26/3A, 26/4, 33/Pt, 34/1A1, 34/1A2, 34/1B2, 34/2A, 34/2B, 34/2C, 34/2D, 34/3, 34/4, 38/4Pt, 39/1, 39/2, 41/1, 41/2, 42/1, 42/2, 43/1,43/2,44/1A, 44/1B1, 44/1B2, 44/2A, 44/2B1, 44/2B2, 44/2B3, 44/3A1, 44/3B1A, 44/3B1B, 44/3B2A, 44/3B2B)of Ottapidaram Taluk & Thoothukudi Taluk, Thoothukudi District, Tamil Nadu								
	ii)Revenue Village	Therkuveerapandiyapuram, Meelavittan Village								
	iii)Taluk	Ottapidaram & Thoothukudi								
	iv)District	Thoothukudi								
5)	Area of the Land	With a total area of 466.503Ha(1152.26 Acres)								
6)	Built up Area	<table><tr><th>IP land breakup</th><th>Area (acres)</th><th>Area Ha</th><th>%</th></tr><tr><td>Allottable plot (33% of greenbelt - 258.631 acres</td><td>726.97</td><td>294.32</td><td>66.08</td></tr></table>	IP land breakup	Area (acres)	Area Ha	%	Allottable plot (33% of greenbelt - 258.631 acres	726.97	294.32	66.08
IP land breakup	Area (acres)	Area Ha	%							
Allottable plot (33% of greenbelt - 258.631 acres	726.97	294.32	66.08							


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	(included)			
	Common Amentias	22.200	8.91	2.00
	Commercial Activities	33.00	13.36	3.00
	Road and Storm water drain	61.766	25.01	5.61
	Solid waste mgt	5.00	2.03	0.45
	OSR area	103.84	42.04	9.44
	Greenbelt	147.55	59.73	13.42
	Total developable area	1100.136	445.4	100
	Odai	22.316	9.035	-
	Proposed railway track	10.82	4.38	-
	Hi Tension power line with 35m RoW	18.99	7.688	-
	Total area	1152.262	466.503	-
7)	Brief description of the project The proposal is an infrastructure development project. It involves development of roads, water supply, storm water drainage, street lights, green belt development, and such other amenities. Industrial Park will house industries which do not fall under EIA Notification 2009 and amendments thereof. The proposed industries include the following: • All General Engineering units such as fabrication, machining, forging, castings etc., • Auto components Industries. • Food Processing Industries. • Packaging units. Any other industries that are not under the purview of EIA Notification, 2006			


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S.No	Industry Sector	% of plotted area	Area in Acres	Area in Ha
1	Engineering /Auto components/Furniture Manufacturing	40	290.79	117.73
2	Packaging industries	10	72.70	29.43
3	Agro & Food	10	72.70	29.43
4	Eco friendly building materials (Fly ash bricks/ blocks manufacturing etc.)	10	72.70	29.43
5	Electronics/Electrical and Allied industries	5	36.35	14.72
6	Any other industries Not under the preview of EIA Notification 2006 and its amendments (Fiber glass, Dry Textile, Solar panels and its components etc)	25	181.74	73.58
	Total	100	726.97	294.32

8)	Green Belt			
	Greenbelt	Area in acres	Area in Ha	Area %
	OSR	103.84	42.04	9.44
	33% Greenbelt in plot area (including the periphery of industries also)	239.9	97.13	21.81
	Greenbelt 3m along road side	19.83	8.03	1.8
	Peripheral Greenbelt area (15m wide)	127.72	51.7	11.62
	Total area	491.29	198.9	44.65

9)	UTILITIES-WATER	
	Total water requirement: 11566 kLD)	


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Fresh water: 905 KLD Recycled water: 3920KLD Green belt: 6741KLD Operation phase:				
Water source	Fresh water(KLD)	Recycled water(KLD)	Treated sewage from Tharuvaikulam STP (KLD)	Total (KLD)
Domestic	400	0	0	400
Flushing	0	200	0	200
utilities	540	2140	0	2680
Process				
Green belt development	0	360	6602	6962
Total	940	2700	6602	10242
Note: Domestic water @30 L/person/day & Flushing water (domestic) @15 L/person/day Water requirement for Process @ 5KL/Acre Water for green belt @35KL/Ha Water for common amenities @3KL/Acre Water for commercial activities @5KL/Acre.				
10)	a) Source from where the water is proposed to be drawn	Fresh water: From Existing SIPCOT water supply scheme from Thamarabarani river Treated sewage: from Thoothukudi Municipal Corporation from Tharuvaikulam STP		
	b) Sewage system	Sewage: 560KLD-STP by individual industries and treated sewage will be used for Greenbelt. ZLD will be maintained by individual industries.		
	c) ETP & Recycle line	Effluent: 2150KLD-ETP, MEE and RO by individual industries and treated effluent will be used for utilities. ZLD		


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		will be maintained by individual industries.
11)	Solid Waste Management	
	Component	Construction phase kg/day
	MSW organic waste	30
	MSW inorganic waste	20
	Hazardous waste	Used oil from construction DGs
		Operation phase kg/day
		3510
		2340
		Individual industries will have their own STP
12)	Power requirement	49 MVA from TANGEDCO
13)	Project Cost	Rs. 253Crores
14)	EMP Cost	Rs. 3134Lakhs

Annexure 2- Affidavit

The Proponent has furnished affidavit in stamp paper attested by the Notary stating that I, Thiru. T. Anand, I.A.S, Managing Director, Authorized Signatory, representing M/s. State Industries Promotion Corporation of Tamil Nadu Limited (SIPCOT) having registered office at 19-A, Rukmani Lakshmipathy Road, Egmore, Chennai – 600008, for the proposed “Development of Industrial Park over an extent of 466.503 Hectares (1152.262 acres) at Therkuveerapandiyapuram Village (Survey No: 61/1, 62/2, 63/1, 70/1, 70/2, 71, 72/2A, 72/2B, 73/1, 73/2, 73/4, 74/1, 74/3, 74/4, 75/1, 75/2, 75/3A, 75/3B, 75/4, 76/1, 76/2, 76/3, 76/4, 76/5, 76/6, 76/7, 77/1, 77/2, 77/3, 77/4, 77/5, 285/1A, 285/1B, 285/1C, 285/2, 286, 287, 288/1, 288/2, 288/4, 289/3, 326/1, 339, 342, 349, 362/2, 372/2, 374/4, 343/1, 343/2, 343/3A, 343/3B, 350/1, 350/2, 351/1, 351/2A, 351/2B, 351/4, 351/5, 351/6, 353/3, 358/1A, 358/1B, 359/1, 359/2, 359/3, 359/4, 360/1, 360/2, 361/1, 364, 371/1, 371/2, 371/3, 373/1, 373/2, 373/3, 373/4, 363/1, 363/2, 363/3, 363/4, 366/1, 366/2, 366/3, 366/4, 372/1, 372/3, 374/2, 374/3, 375, 376/1A, 376/1B, 406/1, 406/2, 406/3, 301/1, 315/4, 316/3, 317/3, 318/1, 288/3, 351/3, 353/4, 358/2, 361/2, 363/5, 374/1, 61/3, 62/5, 63/5, 65/2, 72/1, 73/1, 74/2, 1/2, 2/1, 2/3, 3/1, 3/3, 14/5, 17/2, 18/2, 19/3, 21/7, 38/1, 38/2, 44/4, 48/3, 51/3, 128/1, 12, 13, 22, 23, 24, 29, 35, 39/2,


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50/2, 52/2, 55, 56, 79, 80, 81, 47/1, 47/3, 47/4, 47/5, 47/6, 62/1, 62/3A, 62/3B, 62/3C, 62/3D, 62/4, 62/6A, 62/6B, 62/7, 62/8, 63/2, 63/3, 63/4A, 63/4B, 63/4C, 63/6A, 63/6B, 64/1, 64/2, 65/1, 65/3, 65/4, 65/5, 307/1, 307/2, 308/1, 308/2, 309, 316/1, 316/2, 316/4, 316/5, 317/1, 317/2, 61/2, 61/4, 310, 311/1A, 311/1B, 311/2A, 311/2B, 311/2C, 312, 313/1, 313/2, 314, 315/1, 315/2, 315/3, 1/1A, 1/1B, 1/3, 2/2, 2/4, 2/5, 3/2A, 3/2B, 4/1, 4/2, 4/3, 6/1, 6/2, 6/3, 6/4, 7, 8/1, 8/2, 9, 10/1, 10/2, 10/3, 10/4, 11/1, 11/2, 11/3, 17/1, 18/1, 19/1, 19/2, 21/1, 21/2, 21/3, 21/4A, 21/4B, 21/4C, 21/4D, 21/5, 21/6, 5, 82/1, 82/2, 83/1, 83/2, 88/1, 88/2, 88/3A, 88/3B, 88/3C, 84/1, 84/2, 85/1, 85/2, 86/1, 86/2, 87, 89, 90/1A, 90/1B, 90/2, 124/1, 124/2, 124/3, 124/4, 124/5, 124/6, 126/1, 126/2, 127/1, 127/2, 127/3, 127/4, 128/2, 128/3, 128/4, 128/5, 14/1, 14/2, 14/3, 14/4, 15/1, 15/2, 15/3, 16/1, 16/2, 20, 25/1, 25/2, 25/3, 25/4, 25/5A, 25/5B, 26, 30/1, 30/2, 27/1A, 27/1B, 27/2, 28, 31/1, 31/2, 31/3, 32/1, 32/2A, 32/2B, 32/2C, 32/2D, 32/2E, 33/1, 33/2, 33/3, 33/4, 33/5, 33/6, 34, 36/1, 36/2, 37/1, 37/2, 41/1, 41/2, 78/1A, 78/1B, 78/1C, 78/1D, 78/1E, 78/1F, 78/2, 78/3, 40/1, 40/2, 42/1, 42/2, 43/1, 43/2, 43/3, 44/1, 44/2, 44/3A, 44/3B, 48/1A1, 48/1A2, 48/1B, 48/2A, 48/2B, 48/2C, 49, 50/1, 50/3, 51/1, 51/2, 51/4A, 51/4B, 51/5, 51/3, 39/1, 39/3, 52/1, 52/3, 52/4, 52/5, 53/1, 53/2, 53/3, 53/4, 54/1, 54/2, 54/3A, 54/3B, 54/3C, 54/4, 57/1, 57/2, 58/1, 58/2, 59/1, 59/2, 59/3, 60) & Meelavittan Village (Survey No: 26/6, 40/4, 46/3, 47/5, 45/1A, 45/1B, 45/2A, 45/2B, 45/2C, 45/2D, 45/3A, 45/3B, 45/3C, 45/4A, 45/4B, 45/4C, 45/5A1, 45/5A2, 45/5B, 45/5C, 45/5D1, 45/5D2, 45/5D3, 46/1, 46/2, 47/1A, 47/1B, 47/1C, 47/1D, 47/1E, 47/1F, 47/2, 47/3A, 47/3B, 47/3C, 47/3D, 47/4A, 47/4B, 47/4C, 47/4D, 48/1, 48/2, 49/1, 49/2, 50/1, 50/2, 51, 52/1, 52/2, 26/3A, 26/4, 33/Pt, 34/1A1, 34/1A2, 34/1B2, 34/2A, 34/2B, 34/2C, 34/2D, 34/3, 34/4, 38/4Pt, 39/1, 39/2, 41/1, 41/2, 42/1, 42/2, 43/1, 43/2, 44/1A, 44/1B1, 44/1B2, 44/2A, 44/2B1, 44/2B2, 44/2B3, 44/3A1, 44/3B1A, 44/3B1B, 44/3B2A, 44/3B2B) of Ottapidaram & Thoothukudi Taluks, Thoothukudi District, Tamil Nadu State, hereby take oath and state as under in this affidavit:

- I. The total water requirement of the park is estimated at 10242 KLD (Fresh water: 940 KLD, Treated sewage from Thoothukudi Municipality: 6602 KLD (for green belt) and Recycled water: 2700 KLD). Fresh water requirement for the Industrial Park is proposed to be sourced from existing SIPCOT water supply scheme from Thamirabarani River and treated sewage will be sourced from Thoothukudi Municipality's STP at Tharuvaikulam.


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- II. Power Supply (49 MVA) will be ensured from Tamil Nadu Generation and Distribution Co. Ltd. (TANGEDCO) Facility as a common supply system by SIPCOT to all member industries. The Individual industries will avail power supply from TANGEDCO and may have backup DG sets as per their requirement.
- III. All member industries will be instructed to provide rain water harvesting structures as per norms. SIPCOT will construct Rainwater harvesting pits along the storm water drain for recharging ground water.
- IV. Storm water drainage will be provided as open concrete channels all along the road for ensuring proper collection of storm water and the same will be used for charging the rain water harvesting structures. We confirm that the storm water drain would not carry any untreated (or) treated sewage.
- V. All member industries will be mandated to have their own solid waste and hazardous storage facility within their Plot. Inorganic waste will be sold to TNPCB authorized recyclers by member units. SIPCOT has earmarked 5.00 Acres of land for establishment of Solid Waste Management facility.
- VI. All member industries will be mandated to store and dispose the hazardous waste generated within their premises as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- VII. Individual industries will be mandated to provide STP/ETP for adequate capacity and maintain Zero Liquid Discharge (ZLD) system.
- VIII. Overall Green Belt area of the park would be ≈ 491.29 acres i.e., 44.65% of developable area i.e., 1100.136 acres through Forest Department.

Greenbelt	Area (Ha)	Area (Acres)
OSR	42.04	103.84
33% Greenbelt in plot area by member units	97.13	239.90
Greenbelt 3m along road side	8.03	19.83
Additional Greenbelt	51.70	127.72
Total area	198.90	491.29

- IX. EMP cost of the park is INR 3134 Lakhs. Details are given below:


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Sl.No	Project Components	Tentative Cost (Rs. in lakhs)
1	Storm Water drains	2677.00
2	Solar Street Lights	180.00
3	Green Belt Development	47.00
4	Rain Water Harvesting	180.00
5	Solid Waste Management	25.00
6	Medical Dispensary	25.00
	Total EMP Cost	3134.00

- X. As per Office Memorandum dated 1st May, 2018 from MoEF&CC, SIPCOT will earmark INR 3.79 crores i.e 1.5% of the project cost towards Corporate Environment Responsibility (CER) activities. As per OM- F. No. 22-23/2018-IA.III (Pt) Dated: 31.10.2019, if project is coming under Severely Polluted Area (SPA) then CER amount should be 1.5 times of normal fund. Accordingly, total CER budget earmarked is INR 5.70 Crores.

Declaration

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

The project activity is covered in 8(b) of the Schedule and is of B2 category. It does not require Public Consultation as per Para 7 III Stage (3) (i) (d) of EIA Notification, 2006.

SEAC Remarks:

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


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1. The project proponent shall continuously operate and maintain the Sewage treatment plant & Grey Water Treatment Plant to achieve the standards prescribed by the TNPCB/CPCB.
2. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc. to SEIAA.
3. The height of the stacks of DG sets shall be provided as per the CPCB norms.
4. The project proponent shall allot necessary area for the collection of E waste and strictly follow the E-Waste Management Rules 2016, as amended for disposal of the E waste generation within the premise.
5. The proponent shall make proper arrangement for the disposal of the treated water from the proposed site for Toilet flushing, Green belt development & OSR and no treated water be let out of the premise.
6. The sludge generated from the Sewage Treatment Plant shall be collected and dewatered using filter press and the same shall be utilized as manure for green belt development after composting.
7. The proponent shall provide the separate wall between the STP and OSR area as per the layout furnished and committed.
8. The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval. The total green belt area should be minimum 15% of the total area and the same shall not be used for car parking/OSR.


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9. The project proponent shall provide entry and exit points for the OSR area, play area as per the norms for the public usage and as committed.
10. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
11. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.
12. No waste of any type to be disposed off in any other way other than the approved one.
13. The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.
14. All the mitigation measures committed by the proponent for the flood management, to avoid pollution in Air, Noise, Solid waste disposal. Sewage treatment & disposal etc shall be followed strictly.
15. The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines as committed for during SEAC meeting.
16. The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post - COVID period.
17. The project proponent shall measure the criteria air pollutants data (including CO) due to traffic again before getting consent to operate from TNPCB and submit a copy of the same to SEIAA.
18. Solar energy should be at least 10% of total energy utilization. Application of solar energy should be utilized maximum for illumination of common areas, street lighting etc.
19. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III dated: 30.09.2020 & 20.10.2020 the proponent shall furnish the detailed EMP mentioning all the activities as proposed in the CER and furnish the same before placing the subject to SEIAA.


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SEIAA Remarks:

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

1. The proponent shall ensure that all the construction of Buildings by the individual Industry shall be energy efficient and conform the green building norms.
2. The proponent shall provide the adequate health care facility within the premises.
3. The proponent shall provide the adequate parking facility within the premises , with clear traffic plan.
4. The proponent shall ensure that eateries provided if any within the premises shall be maintained in hygienic way.
5. The proponent shall ensure that no treated or untreated trade effluent/sewage shall be discharged outside the premises under any circumstances.
6. The proponent shall start the development of Industrial Park only after completing the land acquisition for the total area (466.503 ha) of proposed development of industrial park.
7. The proponent shall furnish the necessary documents for complete land acquisition for the total area (466.503 ha) of proposed development of industrial park to TNPCB before obtaining CTE.
8. The proponent shall furnish the break - up details of land acquisitioned in regard to patta & poramboke land excluding areas occupied by water bodies within the proposed total area of industrial park as per the village map together with survey numbers.
9. The proponent shall ensure that the activities should not result in temperature rise, nor lead to rise in carbon dioxide and other gases that add to climate change.
10. All the existing trees, biodiversity and water bodies within the premises should be protected.
11. Action should be initiated to cover 33% of the total project area under green belt development with native species.


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12. All mitigation measures as suggested in the EIA/EMP and disaster management plan to be strictly adhered.

Environmental Clearance along with the conditions containing four parts namely
Part - A – Common conditions applicable for Pre-construction, Construction and Operational Phases

Part - B – Specific Conditions – Pre construction phase

Part - C - Specific Conditions – Construction phase

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

Validity:

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

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

1. Any appeal against this environmental clearance shall lie with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
2. The construction of STP, Solid Waste Management facility, E-waste management facility, DG sets, etc., should be made in the earmarked area only. In any case, the location of these utilities should not be changed later on.
3. The Environmental safeguards contained in the application of the proponent /mentioned during the presentation before the State Level Environment Impact Assessment Authority / State Level Expert Appraisal Committee should be implemented in the letter and spirit.
4. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire and Rescue Services Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wild Life (Protection) Act, 1972, State / Central Ground Water Authority, Coastal Regulatory Zone


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- Authority, other statutory and other authorities as applicable to the project shall be obtained by project proponent from the concerned competent authorities.
5. The SEIAA reserves the right to add additional safeguard measures subsequently, if non-compliance of any of the EC conditions is found and to take action, including revoking of this Environmental Clearance as the case may be.
 6. A proper record showing compliance of all the conditions of Environmental Clearance shall be maintained and made available at all the times.
 7. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company. The status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chennai by e-mail.
 8. The Regional Office of the Ministry located at Chennai shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
 9. "Consent for Establishment" shall be obtained from the Tamil Nadu Pollution Control Board and a copy shall be submitted to the SEIAA, Tamil Nadu.
 10. In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.
 11. The conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability Insurance Act, 1991, along with their amendments, draft Minor Mineral Conservation & Development Rules, 2010 framed under MMDR Act 1957, National Commission for protection of Child Right Rules, 2006 and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/Hon'ble High Court of Madras and any other Courts of Law, including the Hon'ble National Green Tribunal relating to the subject matter.


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12. The Environmental Clearance shall not be cited for relaxing the other applicable rules to this project.
13. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.
14. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, Chennai, the respective Zonal Office of CPCB, Bengaluru and the TNPCB. The criteria pollutant levels namely; PM10, PM2.5, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored.
15. The SEIAA, TN may cancel the environmental clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this environmental clearance, if it is found or if it comes to the knowledge of this SEIAA, TN that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the environmental clearance.
16. The Environmental Clearance does not imply that the other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would be considering the project on merits and be taking decisions independently of the Environmental Clearance.
17. The SEIAA, TN may alter/modify the above conditions or stipulate any further condition in the interest of environment protection, even during the subsequent period.
18. The Environmental Clearance does not absolve the applicant/proponent of his obligation/requirement to obtain other statutory and administrative clearances from other statutory and administrative authorities.
19. Where the trees need to be cut, compensation plantation in the ratio of 1:10 (i.e. planting of 10 trees for every one tree that is cut) should be done with the obligation to continue maintenance.


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20. A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive who will report directly to the Head of the Organization and the shortfall shall be strictly reviewed and addressed.
21. The EMP cost shall be deposited in a Nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually.
22. The project activity should not cause any disturbance & deterioration of the local bio diversity.
23. The project activity should not impact the water bodies. A detailed inventory of the water bodies and forest should be evaluated and fact reported to the Forest Department & PWD for monitoring.
24. All the assessed flora & fauna should be conserved and protected.
25. The proponent should strictly comply with, Tamil Nadu Government Order (Ms) No.84 Environment and forests (EC.2) Department dated 25.06.2018 regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.
26. As per MoEF & CC, GoI, Office Memorandum dated 30.03.2015, prior clearance from Forestry & Wildlife angle including clearance from obtaining committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10KM from National Park and Sanctuaries.
27. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided.
28. The safety measures proposed in the report should be strictly followed.
29. The Developer shall ensure that no allotment letter/ sale deed in any form shall be made to house category A or category B industry as prescribed in the schedule of EIA notification 2006. However, in case any category A or category B type of industry as prescribed in the schedule of EIA notification 2006 is proposed then the individual unit shall apply and seek Environmental Clearance under the EIA notification 2006.
30. The Developer shall mandate the member industries of the Industrial Park to


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allot 33% of the plot area for green belt development and to install RWH structures.

31. The Developer has to ensure that all the member industries within the Industrial Park shall make their own arrangements to achieve zero discharge of the trade effluents, solid waste & E waste management, gaseous emission and noise control measures to achieve the standards prescribed by the TNPCB.
32. The project proponent shall ensure that the individual member units will not be allowed to carry out manufacturing of products stipulated in G.O. (Ms) No. 84 dated 25/06/2018 on banning of one time use on and throwaway plastics.
33. The project proponent must submit the permissible land use classification certificate obtained from competent authority for the proposed project before obtain the CTE from TNPCB.
34. The CER fund shall be utilized as per the office memorandum of MoEF & CC dated 01.05.2018 before obtaining CTO from TNPCB.
35. The allotted industrial units shall obtain consent from the TNPCB separately for their establishment & operation in this industrial estate.
36. The project proponent shall ensure that 33% of the total area of the project site should be covered with green belt.
37. The proponent shall provide Rain Water Harvesting pits so as to recharge the ground water table.
38. Discharge of treated sewage shall conform to the norms & standards prescribed by the Tamil Nadu Pollution Control Board.
39. It is the sole responsibility of the proponent that the treated sewage disposed for green belt development/ avenue plantation should not pollute the soil/ ground water/ adjacent canals/ lakes/ ponds, etc.
40. The Developer has to ensure that all the member industries within the Industrial Park shall make their own arrangements to achieve zero discharge of the trade effluents,
41. The project proponent shall ensure that all the member units should treat and dispose solid waste & E-waste as per the Solid Waste Management Rule 2016 as amended and E-Waste Management Rules, 2016
42. There shall be no discharge of effluent outside the Industrial Park at any time.


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43. The Developer shall mandate the member units of the Industrial Park to install adequate APC measures/Acoustic to achieve air emissions standards within permissible limits prescribed by the CPCB.

Part - B – Specific Conditions – Pre construction phase:

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


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


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Part - C - Specific Conditions – Construction phase:

1. Construction Schedule:

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

2. Labour Welfare:

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

3. Water Supply:

- i) The entire water requirement during construction phase may be met from ground water source from the source with approval of the PWD Department of water resources/ may be out sourced.
- ii) Provision shall be made for the housing labour within the site with all necessary infrastructures and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- iii) Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The treatment and disposal of waste water shall be through dispersion trench after treatment through septic


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tank. The MSW generated shall be disposed through Local Body and the identified dumpsite only.

- iv) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices prevalent.
- v) Fixtures for showers, toilet flushing and drinking water should be of low flow type by adopting the use of aerators / pressure reducing devices / sensor based control.

4. Solid Waste Management:

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

5. Top Soil Management:

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

6. Construction Debris disposal:

- i) Disposal of construction debris during construction phase should not create any adverse effect on the neighboring communities and be disposed off only in approved sites, with the approval of Competent Authority with necessary precautions for general safety and health aspects of the people. The construction and demolition waste shall be managed as per Construction & Demolition Waste Management Rules, 2016.


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- ii) Construction spoils, including bituminous materials and other hazardous materials, must not be allowed to contaminate watercourses. The dump sites for such materials must be secured so that they should not leach into the adjacent land/ lake/ stream etc.

7. Diesel Generator sets:

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

8. Air & Noise Pollution Control:

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


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9. Building material:

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

10. Storm Water Drainage:

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

11. Energy Conservation Measures:

- i) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material, to fulfill the requirement.
- ii) Opaque wall should meet prescribed requirement as per Energy Conservation Building Code which is mandatory for all air conditioned spaces by use of appropriate thermal insulation material to fulfill the requirement.
- iii) All norms of Energy Conservation Building Code (ECBC) and National Building Code, 2005 as energy conservation have to be adopted Solar lights shall be provided for illumination of common areas.
- iv) Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting. A hybrids system or fully solar system for a portion of the apartments shall be provided.
- v) A report on the energy conservation measures conforming to energy conservation norms prescribed by the Bureau of Energy Efficiency shall


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be prepared incorporating details about building materials & technology; R & U factors etc and submitted to the SEIAA in three month's time.

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

12. Fire Safety:

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

13. Green Belt Development:

- i) The Project Proponent shall plant tree species with large potential for carbon capture in the proposed green belt area based on the recommendation of the Forest department well before the project is completed.
- ii) The purpose of Green belt around the project is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wide range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. Miyawaki method of planting i.e. planting different types of trees at very close intervals may be tried which will give a good green cover. The proponent shall earmark the greenbelt area with GPS coordinates all along the boundary of the project site with at least 3 meters wide and in between blocks in an organized manner and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval. The total green belt area should be minimum 15% of the total area and the same shall not be used for car parking/OSR.


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- iii) The proponent shall develop the green belt as per the plan furnished and area earmarked for the greenbelt shall not be alter at any point of time for any other purpose.
- iv) The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area and the same shall be included in the layout out plan to be submitted for DTCP approval

14. Sewage Treatment Plant:

- i) The Sewage Treatment Plant (STP) installed should be certified by an independent expert/ reputed Academic institutions for its adequacy and a report in this regard should be submitted to the SEIAA, TN before the project is commissioned for operation. Explore the less power consuming systems viz baffle reactor, etc., for the treatment of sewage.
- ii) The Proponent shall install STP as furnished. Any alteration to satisfy the bathing quality shall be informed to SEIAA-TN.
- iii) The project proponent shall operate and maintain the Sewage treatment Plant effectively to meet out the standards prescribed by the CPCB.
- iv) The project proponent shall continuously operate and maintain the Sewage treatment plant to achieve the standards prescribed by the CPCB.
- v) The project proponent has to ensure the complete recycling of treated sewage after achieving the standards prescribed by the CPCB.
- vi) The project proponent has to provide separate standby D.G set for the STP for the continuous operation of the STP in case of power failure.

15. Rain Water Harvesting:

- i) The proponent/ Owner of the Flats shall ensure that roof rain water collected from the covered roof of the buildings, etc shall be harvested so as to ensure the maximum beneficication of rain water harvesting by constructing adequate sumps so that 100% of the harvested water shall be reused.
- ii) Rain water harvesting for surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment with screens, settlers etc. must be done to remove suspended matter, oil and grease, etc.


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- iii) The project activity should not cause any disturbance & deterioration of the local bio diversity.

16. Building Safety:

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

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

1. There should be Fire fighting plan and all required safety plan.
2. Regular fire drills should be held to create awareness among owners/ residents.
3. House hold hazardous waste such as batteries, small electronics, CFL bulbs, expired medicines and used cleaning solvent bottles should be segregated at source, collected once in a month from residences and disposed as per the SWM rules 2016.
4. The building should not spoil the green views and aesthetics of surroundings and should provide enough clean air space.
5. The project proponent has to furnish the certificate stating that the proposed site had not encroached any water body (rivers, canals, lakes, ponds, tanks, etc) from its original boundary shall be obtained from the competent authority before obtaining CTE from TNPCB.
6. The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
7. Solar energy saving shall be increased to atleast 10% of total energy utilization.
8. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-1A.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
9. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board


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resolution in this regard shall be submitted to the MoEF & CC as a part of six-monthly report.

10. The EMP cost shall be printed in the Brochure / Pamphlet for the preparation of the sale of the property and should also mention the component involved.
11. The Project proponent shall get due permission from the wetland Authority before the commencement of the work, if applicable.
12. The project activities should in no way disturb the manmade structures.
13. The Proponent shall do afforestation/ restoration programme contemplated to strengthen the open spaces shall preferably include native species along with the financial forecast for planting and maintenance for 5 years.
14. "Consent to Operate" should be obtained from the Tamil Nadu pollution Control Board before the start of the operation of the project and copy shall be submitted to the SEIAA-TN.
15. Raw water quality to be checked for portability and if necessary RO plant shall be provided.
16. The Proponent should be responsible for the maintenance of common facilities including greening, rain water harvesting, sewage treatment and disposal, solid waste disposal and environmental monitoring including terrace gardening for a period of 3 years. Within one year after handing over the flats to all allottees a viable society or an association among the allottees shall be formed to take responsibility of continuous maintenance of all facilities with required agreements for compliance of all conditions furnished in Environment Clearance (EC) order issued by the SEIAA-TN or the Proponent himself shall maintain all the above facilities for the entire period. The copy of MOU between the buyers Association and proponent shall be communicated to SEIAA-TN.
17. The ground water level and its quality should be monitored and recorded regularly in consultation with Ground Water Authority.
18. Treated effluent emanating from STP shall be recycled / reused to the maximum extent possible. The treated sewage shall conform to the norms and standards for bathing quality laid down by CPCB irrespective of any use. Necessary measures should be made to mitigate the odour and mosquito problem from STP.

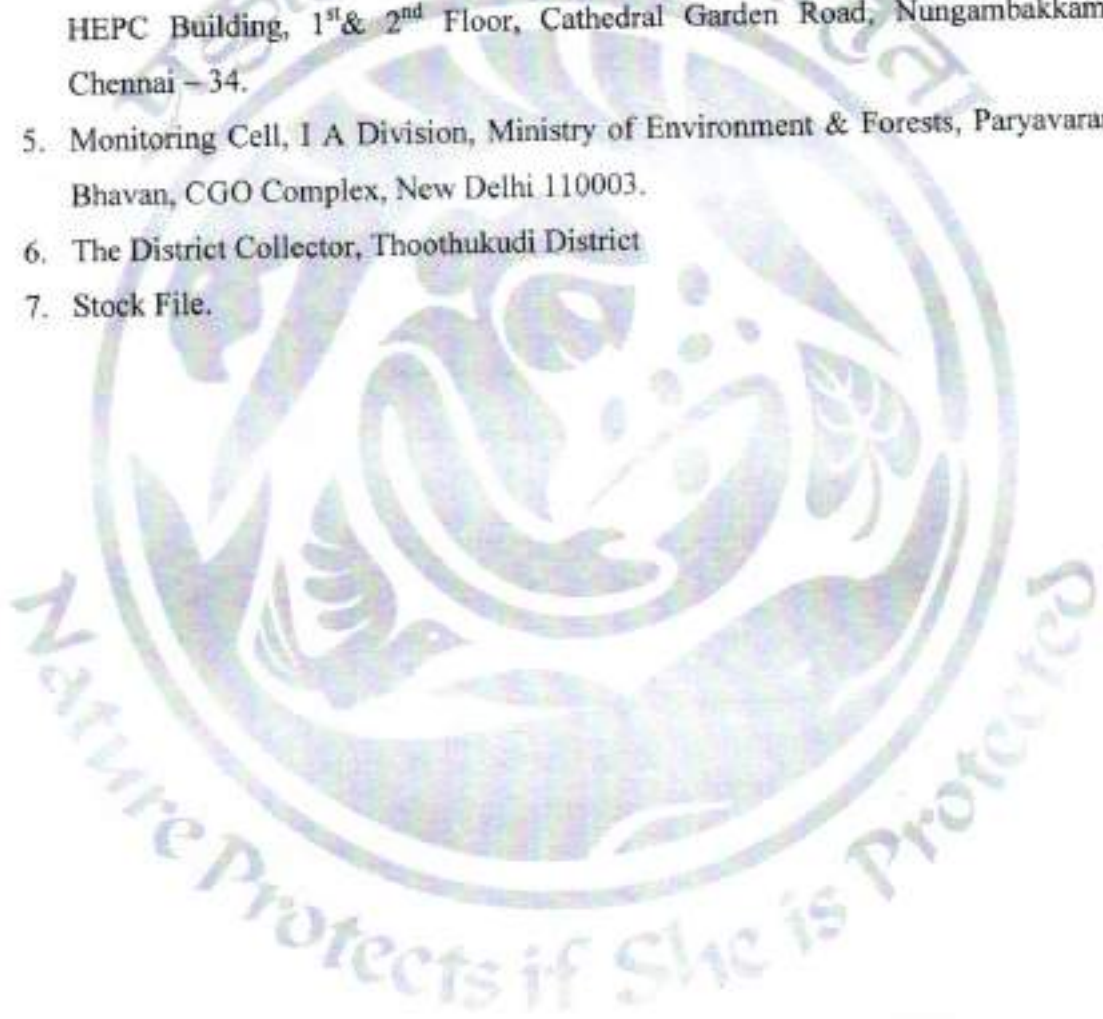

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19. The Proponent shall operate STP continuously by providing stand by DG set in case of power failure.
20. Adequate measures should be taken to prevent odour emanating from solid waste processing plant and STP.
21. The E - waste generated should be collected and disposed to a nearby authorized e-waste centre as per E- waste (Management & Handling), Rules 2016 as amended.
22. Diesel power generating sets proposed as source of back-up power during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets.
23. The noise level shall be maintained as per MoEF/CPCB/TNPCB guidelines/norms both during day and night time.
24. Spent oil from D.G sets should be stored in HDPE drums in an isolated covered facility and disposed as per the Hazardous & other Wastes (Management & Transboundary Movement) Rules 2016. Spent oil from D.G sets should be disposed off through registered recyclers.
25. The proponent is required to provide a house hold hazardous waste / E-waste collection and disposal mechanism.
26. The proponent/ Owner of the Flats shall ensure that storm water drain provided at the project site shall be maintained without choking or without causing stagnation and should also ensure that the storm water shall be properly disposed off in the natural drainage / channels without disrupting the adjacent public. Adequate harvesting of the storm water should also be ensured.
27. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.
28. A copy of the Environmental clearance (EC) letter shall be made available to all the allottees along with the allotment order / sale deed.
29. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.


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Copy to:

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





TAMILNADU POLLUTION CONTROL BOARD

Category of the Industry :

RED



CONSENT ORDER NO. 2201241542929 DATED: 29/07/2022.

PROCEEDINGS NO.T4/TNPCB/F.1589TTN/RL/TTN/A/2022 DATED: 29/07/2022



SUB: TNPC Board-Consent for Establishment-M/s. SIPCOT INDUSTRIAL PARK, THOOTHUKUDI , S.F. No. S.F.nos. : 61/1, 62/2, 63/1, 70/1, 70/2, 71, 72/2A, 72/2B, 73/1, 73/2, 73/4, 74/1, 74/3, 74/4, 75/1, 75/2, 75/3A, 75/3B, 75/4, 76/1, 76/2, 76/3, 76/4, 76/5, 76/6, 76/7, 77/1, 77/2, 77/3, 77/4, 77/5, 285/1A, 285/1B, 285/1C, 285/2, 286, 287, 288/1, 288/2, 288/4, 289/3, 326/1, 339, 342, 349, 362/2, 372/2, 374/4, 343/1, 343/2, 343/3A, 343/3B, 350/1, 350/2, 351/1, 351/2A, 351/2B, 351/4, 351/5, 351/6, 353/3, 358/1A, 358/1B, 359/1, 359/2, 359/3, 359/4, 360/1, 360/2, 361/1, 364, 371/1, 371/2, 371/3, 373/1, 373/2, 373/3, 373/4, 363/1, 363/2, 363/3, 363/4, 366/1, 366/2, 366/3, 366/4, 372/1, 372/3, 374/2, 374/3, 375, 376/1A, 376/1B, 406/1, 406/2, 406/3, 301/1, 315/4, 316/3, 317/3, 318/1, 288/3, 351/3, 353/4, 358/2, 361/2, 363/5, 374/1, 61/3, 62/5, 63/5, 65/2, 72/1, 73/1, 74/2, 1/2, 2/1, 2/3, 3/1, 3/3, 14/5, 17/2, 18/2, 19/3, 21/7, 38/1, 38/2, 44/4, 48/3, 51/3, 128/1, 12, 13, 22, 23, 24, 29, 35, 39/2, 50/2, 52/2, 55, 56, 79, 80, 81, 47/1, 47/3, 47/4, 47/5, 47/6, 62/1, 62/3A, 62/3B, 62/3C, 62/3D, 62/4, 62/6A, 62/6B, 62/7, 62/8, 63/2, 63/3, 63/4A, 63/4B, 63/4C, 63/6A, 63/6B, 64/1, 64/2, 65/1, 65/3, 65/4, 65/5, 307/1, 307/2, 308/1, 308/2, 309, 316/1, 316/2, 316/4, 316/5, 317/1, 317/2, 61/2, 61/4, 310, 311/1A, 311/1B, 311/2A, 311/2B, 311/2C, 312, 313/1, 313/2, 314, 315/1, 315/2, 315/3, 1/1A, 1/1B, 1/3, 2/2, 2/4, 2/5, 3/2A, 3/2B, 4/1, 4/2, 4/3, 6/1, 6/2, 6/3, 6/4, 7, 8/1, 8/2, 9, 10/1, 10/2, 10/3, 10/4, 11/1, 11/2, 11/3, 17/1, 18/1, 19/1, 19/2, 21/1, 21/2, 21/3, 21/4A, 21/4B, 21/4C, 21/4D, 21/5, 21/6, 5, 82/1, 82/2, 83/1, 83/2, 88/1, 88/2, 88/3A, 88/3B, 88/3C, 84/1, 84/2, 85/1, 85/2, 86/1, 86/2, 87, 89, 90/1A, 90/1B, 90/2, 124/1, 124/2, 124/3, 124/4, 124/5, 124/6, 126/1, 126/2, 127/1, 127/2, 127/3, 127/4, 128/2, 128/3, 128/4, 128/5, 14/1, 14/2, 14/3, 14/4, 15/1, 15/2, 15/3, 16/1, 16/2, 20, 25/1, 25/2, 25/3, 25/4, 25/5A, 25/5B, 26, 30/1, 30/2, 27/1A, 27/1B, 27/2, 28, 31/1, 31/2, 31/3, 32/1, 32/2A, 32/2B, 32/2C, 32/2D, 32/2E, 33/1, 33/2, 33/3, 33/4, 33/5, 33/6, 34, 36/1, 36/2, 37/1, 37/2, 41/1, 41/2, 78/1A, 78/1B, 78/1C, 78/1D, 78/1E, 78/1F, 78/2, 78/3, 40/1, 40/2, 42/1, 42/2, 43/1, 43/2, 43/3, 44/1, 44/2, 44/3A, 44/3B, 48/1A1, 48/1A2, 48/1B, 48/2A, 48/2B, 48/2C, 49, 50/1, 50/3, 51/1, 51/2, 51/4A, 51/4B, 51/5, 51/3, 39/1, 39/3, 52/1, 52/3, 52/4, 52/5, 53/1, 53/2, 53/3, 53/4, 54/1, 54/2, 54/3A, 54/3B, 54/3C, 54/4, 57/1, 57/2, 58/1, 58/2, 59/1, 59/2, 59/3, 60 of Therkuvceerapandiyapuram Village in Ottapidaram Taluk & S.F.nos.: 26/6, 40/4, 46/3, 47/5, 45/1A, 45/1B, 45/2A, 45/2B, 45/2C, 45/2D, 45/3A, 45/3B, 45/3C, 45/4A, 45/4B, 45/4C, 45/5A1, 45/5A2, 45/5B, 45/5C, 45/5D1, 45/5D2, 45/5D3, 46/1, 46/2, 47/1A, 47/1B, 47/1C, 47/1D, 47/1E, 47/1F, 47/2, 47/3A, 47/3B, 47/3C, 47/3D, 47/4A, 47/4B, 47/4C, 47/4D, 48/1, 48/2, 49/1, 49/2, 50/1, 50/2, 51, 52/1, 52/2, 26/3A, 26/4, 33/Pt, 34/1A1, 34/1A2, 34/1B2, 34/2A, 34/2B, 34/2C, 34/2D, 34/3, 34/4, 38/4Pt, 39/1, 39/2, 41/1, 41/2, 42/1, 42/2, 43/1, 43/2, 44/1A, 44/1B1, 44/1B2, 44/2A, 44/2B1, 44/2B2, 44/2B3, 44/3A1, 44/3B1A, 44/3B1B, 44/3B2A, 44/3B2B of Milavittan Village in Thoothukudi Taluk, Thoothukudi District, Tamil Nadu, THERKU V P PURAM village, Ottapidaram Taluk and Thoothukkudi 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 on 14.02.2022/ 12.04.2022
2. IR No : F.1589TTN/RL/AEE/TTN/2022 dated 22/06/2022
3. Minutes of TSC Resolution No.201-05 dated 21.07.2022

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

The Managing Director,

M/s. SIPCOT INDUSTRIAL PARK, THOOTHUKUDI

S.F.No.S.F.nos. : 61/1, 62/2, 63/1, 70/1, 70/2, 71, 72/2A, 72/2B, 73/1, 73/2, 73/4, 74/1, 74/3, 74/4, 75/1, 75/2, 75/3A,



TAMILNADU POLLUTION CONTROL BOARD

75/3B, 75/4, 76/1, 76/2, 76/3, 76/4, 76/5, 76/6, 76/7, 77/1, 77/2, 77/3, 77/4, 77/5, 285/1A, 285/1B, 285/1C, 285/2, 286, 287, 288/1, 288/2, 288/4, 289/3, 326/1, 339, 342, 349, 362/2, 372/2, 374/4, 343/1, 343/2, 343/3A, 343/3B, 350/1, 350/2, 351/1, 351/2A, 351/2B, 351/4, 351/5, 351/6, 353/3, 358/1A, 358/1B, 359/1, 359/2, 359/3, 359/4, 360/1, 360/2, 361/1, 364, 371/1, 371/2, 371/3, 373/1, 373/2, 373/3, 373/4, 363/1, 363/2, 363/3, 363/4, 366/1, 366/2, 366/3, 366/4, 372/1, 372/3, 374/2, 374/3, 375, 376/1A, 376/1B, 406/1, 406/2, 406/3, 301/1, 315/4, 316/3, 317/3, 318/1, 288/3, 351/3, 353/4, 358/2, 361/2, 363/5, 374/1, 61/3, 62/5, 63/5, 65/2, 72/1, 73/1, 74/2, 1/2, 2/1, 2/3, 3/1, 3/3, 14/5, 17/2, 18/2, 19/3, 21/7, 38/1, 38/2, 44/4, 48/3, 51/3, 128/1, 12, 13, 22, 23, 24, 29, 35, 39/2, 50/2, 52/2, 55, 56, 79, 80, 81, 47/1, 47/3, 47/4, 47/5, 47/6, 62/1, 62/3A, 62/3B, 62/3C, 62/3D, 62/4, 62/6A, 62/6B, 62/7, 62/8, 63/2, 63/3, 63/4A, 63/4B, 63/4C, 63/6A, 63/6B, 64/1, 64/2, 65/1, 65/3, 65/4, 65/5, 307/1, 307/2, 308/1, 308/2, 309, 316/1, 316/2, 316/4, 316/5, 317/1, 317/2, 61/2, 61/4, 310, 311/1A, 311/1B, 311/2A, 311/2B, 311/2C, 312, 313/1, 313/2, 314, 315/1, 315/2, 315/3, 1/1A, 1/1B, 1/3, 2/2, 2/4, 2/5, 3/2A, 3/2B, 4/1, 4/2, 4/3, 6/1, 6/2, 6/3, 6/4, 7, 8/1, 8/2, 9, 10/1, 10/2, 10/3, 10/4, 11/1, 11/2, 11/3, 17/1, 18/1, 19/1, 19/2, 21/1, 21/2, 21/3, 21/4A, 21/4B, 21/4C, 21/4D, 21/5, 21/6, 5, 82/1, 82/2, 83/1, 83/2, 88/1, 88/2, 88/3A, 88/3B, 88/3C, 84/1, 84/2, 85/1, 85/2, 86/1, 86/2, 87, 89, 90/1A, 90/1B, 90/2, 124/1, 124/2, 124/3, 124/4, 124/5, 124/6, 126/1, 126/2, 127/1, 127/2, 127/3, 127/4, 128/2, 128/3, 128/4, 128/5, 14/1, 14/2, 14/3, 14/4, 15/1, 15/2, 15/3, 16/1, 16/2, 20, 25/1, 25/2, 25/3, 25/4, 25/5A, 25/5B, 26, 30/1, 30/2, 27/1A, 27/1B, 27/2, 28, 31/1, 31/2, 31/3, 32/1, 32/2A, 32/2B, 32/2C, 32/2D, 32/2E, 33/1, 33/2, 33/3, 33/4, 33/5, 33/6, 34, 36/1, 36/2, 37/1, 37/2, 41/1, 41/2, 78/1A, 78/1B, 78/1C, 78/1D, 78/1E, 78/1F, 78/2, 78/3, 40/1, 40/2, 42/1, 42/2, 43/1, 43/2, 43/3, 44/1, 44/2, 44/3A, 44/3B, 48/1A1, 48/1A2, 48/1B, 48/2A, 48/2B, 48/2C, 49, 50/1, 50/3, 51/1, 51/2, 51/4A, 51/4B, 51/5, 51/3, 39/1, 39/3, 52/1, 52/3, 52/4, 52/5, 53/1, 53/2, 53/3, 53/4, 54/1, 54/2, 54/3A, 54/3B, 54/3C, 54/4, 57/1, 57/2, 58/1, 58/2, 59/1, 59/2, 59/3, 60 and

Therkuveerapandiapuram Village in Ottapidaram Taluk & S.F.nos.: 26/6, 40/4, 46/3, 47/5, 45/1A, 45/1B, 45/2A, 45/2B, 45/2C, 45/2D, 45/3A, 45/3B, 45/3C, 45/4A, 45/4B, 45/4C, 45/5A1, 45/5A2, 45/5B, 45/5C, 45/5D1, 45/5D2, 45/5D3, 46/1, 46/2, 47/1A, 47/1B, 47/1C, 47/1D, 47/1E, 47/1F, 47/2, 47/3A, 47/3B, 47/3C, 47/3D, 47/4A, 47/4B, 47/4C, 47/4D, 48/1, 48/2, 49/1, 49/2, 50/1, 50/2, 51, 52/1, 52/2, 26/3A, 26/4, 33/Pl, 34/1A1, 34/1A2, 34/1B2, 34/2A, 34/2B, 34/2C, 34/2D, 34/3, 34/4, 38/4Pl, 39/1, 39/2, 41/1, 41/2, 42/1, 42/2, 43/1, 43/2, 44/1A, 44/1B1, 44/1B2, 44/2A, 44/2B1, 44/2B2, 44/2B3, 44/3A1, 44/3B1A, 44/3B1B, 44/3B2A, 44/3B2B of Milavittan Village in Thoothukudi Taluk, Thoothukudi District, Tamil Nadu,

THERKU V P PURAM Village,

Ottapidaram Taluk,

Thoothukkudi District.

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

S.F. No. S.F.nos.: 61/1, 62/2, 63/1, 70/1, 70/2, 71, 72/2A, 72/2B, 73/1, 73/2, 73/4, 74/1, 74/3, 74/4, 75/1, 75/2, 75/3A, 75/3B, 75/4, 76/1, 76/2, 76/3, 76/4, 76/5, 76/6, 76/7, 77/1, 77/2, 77/3, 77/4, 77/5, 285/1A, 285/1B, 285/1C, 285/2, 286, 287, 288/1, 288/2, 288/4, 289/3, 326/1, 339, 342, 349, 362/2, 372/2, 374/4, 343/1, 343/2, 343/3A, 343/3B, 350/1, 350/2, 351/1, 351/2A, 351/2B, 351/4, 351/5, 351/6, 353/3, 358/1A, 358/1B, 359/1, 359/2, 359/3, 359/4, 360/1, 360/2, 361/1, 364, 371/1, 371/2, 371/3, 373/1, 373/2, 373/3, 373/4, 363/1, 363/2, 363/3, 363/4, 366/1, 366/2, 366/3, 366/4, 372/1, 372/3, 374/2, 374/3, 375, 376/1A, 376/1B, 406/1, 406/2, 406/3, 301/1, 315/4, 316/3, 317/3, 318/1, 288/3, 351/3, 353/4, 358/2, 361/2, 363/5, 374/1, 61/3, 62/5, 63/5, 65/2, 72/1, 73/1, 74/2, 1/2, 2/1, 2/3, 3/1, 3/3, 14/5, 17/2, 18/2, 19/3, 21/7, 38/1, 38/2, 44/4, 48/3, 51/3, 128/1, 12, 13, 22, 23, 24, 29, 35, 39/2, 50/2, 52/2, 55, 56, 79, 80, 81, 47/1, 47/3, 47/4, 47/5, 47/6, 62/1, 62/3A, 62/3B, 62/3C, 62/3D, 62/4, 62/6A, 62/6B, 62/7, 62/8, 63/2, 63/3, 63/4A, 63/4B, 63/4C, 63/6A, 63/6B, 64/1, 64/2, 65/1, 65/3, 65/4, 65/5, 307/1, 307/2, 308/1, 308/2, 309, 316/1, 316/2, 316/4, 316/5, 317/1, 317/2, 61/2, 61/4, 310, 311/1A, 311/1B, 311/2A, 311/2B, 311/2C, 312, 313/1, 313/2, 314, 315/1, 315/2, 315/3, 1/1A, 1/1B, 1/3, 2/2, 2/4, 2/5, 3/2A, 3/2B, 4/1, 4/2, 4/3, 6/1, 6/2, 6/3, 6/4, 7, 8/1, 8/2, 9, 10/1, 10/2, 10/3, 10/4, 11/1, 11/2, 11/3, 17/1, 18/1, 19/1, 19/2, 21/1, 21/2, 21/3, 21/4A, 21/4B, 21/4C, 21/4D, 21/5, 21/6, 5, 82/1, 82/2, 83/1, 83/2, 88/1, 88/2, 88/3A, 88/3B, 88/3C, 84/1, 84/2, 85/1, 85/2, 86/1, 86/2, 87, 89, 90/1A, 90/1B, 90/2, 124/1, 124/2, 124/3, 124/4, 124/5, 124/6, 126/1, 126/2, 127/1, 127/2, 127/3, 127/4, 128/2, 128/3, 128/4, 128/5, 14/1, 14/2, 14/3, 14/4, 15/1, 15/2, 15/3, 16/1, 16/2, 20, 25/1, 25/2, 25/3, 25/4, 25/5A, 25/5B, 26, 30/1, 30/2, 27/1A, 27/1B, 27/2, 28, 31/1, 31/2, 31/3, 32/1, 32/2A, 32/2B, 32/2C, 32/2D, 32/2E, 33/1, 33/2, 33/3, 33/4, 33/5, 33/6, 34, 36/1, 36/2, 37/1, 37/2, 41/1, 41/2, 78/1A, 78/1B, 78/1C, 78/1D, 78/1E, 78/1F, 78/2, 78/3, 40/1, 40/2, 42/1, 42/2, 43/1, 43/2, 43/3, 44/1, 44/2, 44/3A, 44/3B, 48/1A1, 48/1A2, 48/1B, 48/2A, 48/2B, 48/2C, 49, 50/1, 50/3, 51/1, 51/2, 51/4A, 51/4B, 51/5, 51/3, 39/1, 39/3, 52/1, 52/3, 52/4, 52/5, 53/1, 53/2, 53/3, 53/4, 54/1, 54/2, 54/3A, 54/3B, 54/3C, 54/4, 57/1, 57/2, 58/1, 58/2, 59/1, 59/2, 59/3, 60 and

Therkuveerapandiapuram Village in Ottapidaram Taluk & S.F.nos.: 26/6, 40/4, 46/3, 47/5, 45/1A, 45/1B, 45/2A, 45/2B, 45/2C,



TAMILNADU POLLUTION CONTROL BOARD

45/2D, 45/3A, 45/3B, 45/3C, 45/4A, 45/4B, 45/4C, 45/5A1, 45/5A2, 45/5B, 45/5C, 45/5D1, 45/5D2, 45/5D3, 46/1, 46/2, 47/1A, 47/1B, 47/1C, 47/1D, 47/1E, 47/1F, 47/2, 47/3A, 47/3B, 47/3C, 47/3D, 47/4A, 47/4B, 47/4C, 47/4D, 48/1, 48/2, 49/1, 49/2, 50/1, 50/2, 51, 52/1, 52/2, 26/3A, 26/4, 33/Ph, 34/1A1, 34/1A2, 34/1B2, 34/2A, 34/2B, 34/2C, 34/2D, 34/3, 34/4, 38/4Ph, 39/1, 39/2, 41/1, 41/2, 42/1, 42/2, 43/1, 43/2, 44/1A, 44/1B1, 44/1B2, 44/2A, 44/2B1, 44/2B2, 44/2B3, 44/3A1, 44/3B1A, 44/3B1B, 44/3B2A, 44/3B2B of Milavittan Village in Thoothukudi Taluk, Thoothukudi District, Tamil Nadu,

THERKU V P PURAM Village,

Ottapidaram Taluk,

Thoothukkudi District.

This Consent to establish is valid upto **February 01, 2029**, or till the industry obtains consent to operate under Section 21 of the Air (Prevention and control of Pollution) Act, 1981, as amended in 1987 whichever is earlier subject to special and general conditions enclosed.

**RAGUPATHI
SANGANAN**

Digitally signed by RAGUPATHI
SANGANAN
Date: 2022.07.29 19:52:33 +05'30'

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

To
The Managing Director,
M.S.SIPCO INDUSTRIAL PARK, THOOTHUKUDI,
State Industries Promotion Corporation of Tamilnadu Limited, 19-A, Rukmani Lakshmiapathy Road, Post Box No. 7223, Egmore,
Chennai.
Pin: 600008.

Copy to:

1. The Commissioner, OTTAPIDARAM-Panchayat Union, Ottapidaram Taluk, Thoothukkudi District,
2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, THOOTHUKKUDI.
3. The JCE-Monitoring, Tamil Nadu Pollution Control Board, TIRUNELVELI.
4. File



TAMILNADU POLLUTION CONTROL BOARD

SPECIAL CONDITIONS

1. This consent to establish is valid for establishing the facility for the manufacture of products/hyproducts (Col. 2) at the rate (Col.3) mentioned below. Any change in the product/hyproduct 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.	SIPCOT Industrial Park at Thoothukudi is an infrastructure development project in a total area of 466.503 Hectares (1152.262 Acres). It involves development and maintenance of infrastructure such as roads, storm water drains, water supply, power supply through TANGEDCO, street lights, green belt development and other such amenities to accommodate following type of industries: 1. Engineering /Auto components/Furniture Manufacturing 2. Packaging Industries 3. Agro & Food 4. Eco friendly building materials (Fly ash bricks/ blocks manufacturing etc.) 5. Electronics/Electrical and Allied industries 6. Any other industries Not under the preview of EIA Notification 2006 and its amendments.	466.503	Hectares
By-Product Details			
1.	Nil	0	0

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

I	Point source emission with stack :			
Stack No.	Point Emission Source	Air pollution Control measures	Stack height from Ground Level in m	Gaseous Discharge in Nm ³ /hr
II	Fugitive/Noise emission :			
Sl. No.	Fugitive or Noise Emission sources	Type of emission	Control measures	

3. **Special Additional Conditions:**
 - i. The unit shall install the approved retrofit emission control device/equipment with at least 70% Particulate matter reduction efficiency on all DG sets with capacity of 125 KVA and above or otherwise the unit shall be shift to gas based generators within the time frame prescribed in the notification No. TNPCB/Labs/DD(L)02151/2019 dated 10.06.2020 issued by TNPCB.
 - ii. The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.
4. **Additional Conditions:**



TAMILNADU POLLUTION CONTROL BOARD

1. The SIPCOT shall comply with the conditions stipulated in the Environmental Clearance obtained from SEIAA, TN vide Letter No. SEIAATN/F.7939/EC/8(b)/796/2022 dated 02/02/2022.
2. The SIPCOT shall ensure that no process emission is let out from its activity.
3. The SIPCOT shall conduct Ambient Noise level survey report and Ambient Air Quality survey report for base line data to assess the quality of Ambient Air and Ambient Noise level and submit the report within one month's time.
4. The SIPCOT shall ensure that the allotted industries provide adequate APC/ acoustic/ odour control measures, so as to ensure that the emission satisfy the AAQ/SM/ANL standards prescribed by the Board and for containment of odour emanating from the industries.
5. The SIPCOT shall initiate action to develop green belt in 33% of total area with native species.
6. The unit shall remit consent fee in case of revision by the Government.

RAGUPATHI
SANGANAN

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SANGANAN
Date: 2022.01.29 19:52:54 +05'30'

For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai





TAMILNADU POLLUTION CONTROL BOARD

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.

RAGUPATHI
SANGANAN

Digitally signed by RAGUPATHI
SANGANAN
Date: 2022.07.29 19:54:18 +05'30'

For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai



TAMILNADU POLLUTION CONTROL BOARD

Category of the Industry :

RED



CONSENT ORDER NO. 2201141542929 DATED: 29/07/2022.

PROCEEDINGS NO.T4/TNPCB/F.1589TTN/RL//TTN/W/2022 DATED: 29/07/2022



SUB: TNPC Board-Consent for Establishment-M/S SIPCOT INDUSTRIAL PARK, THOOTHUKUDI S.F No. S.F.nos. : 61/1, 62/2, 63/1, 70/1, 70/2, 71, 72/2A, 72/2B, 73/1, 73/2, 73/4, 74/1, 74/3, 74/4, 75/1, 75/2, 75/3A, 75/3B, 75/4, 76/1, 76/2, 76/3, 76/4, 76/5, 76/6, 76/7, 77/1, 77/2, 77/3, 77/4, 77/5, 285/1A, 285/1B, 285/1C, 285/2, 286, 287, 288/1, 288/2, 288/4, 289/3, 326/1, 339, 342, 349, 362/2, 372/2, 374/4, 343/1, 343/2, 343/3A, 343/3B, 350/1, 350/2, 351/1, 351/2A, 351/2B, 351/4, 351/5, 351/6, 353/3, 358/1A, 358/1B, 359/1, 359/2, 359/3, 359/4, 360/1, 360/2, 361/1, 364, 371/1, 371/2, 371/3, 373/1, 373/2, 373/3, 373/4, 363/1, 363/2, 363/3, 363/4, 366/1, 366/2, 366/3, 366/4, 372/1, 372/3, 374/2, 374/3, 375, 376/1A, 376/1B, 406/1, 406/2, 406/3, 301/1, 315/4, 316/3, 317/3, 318/1, 288/3, 351/3, 353/4, 358/2, 361/2, 363/5, 374/1, 61/3, 62/5, 63/5, 65/2, 72/1, 73/1, 74/2, 1/2, 2/1, 2/3, 3/1, 3/3, 14/5, 17/2, 18/2, 19/3, 21/7, 38/1, 38/2, 44/4, 48/3, 51/3, 128/1, 12, 13, 22, 23, 24, 29, 35, 39/2, 50/2, 52/2, 55, 56, 79, 80, 81, 47/1, 47/3, 47/4, 47/5, 47/6, 62/1, 62/3A, 62/3B, 62/3C, 62/3D, 62/4, 62/6A, 62/6B, 62/7, 62/8, 63/2, 63/3, 63/4A, 63/4B, 63/4C, 63/6A, 63/6B, 64/1, 64/2, 65/1, 65/3, 65/4, 65/5, 307/1, 307/2, 308/1, 308/2, 309, 316/1, 316/2, 316/4, 316/5, 317/1, 317/2, 61/2, 61/4, 310, 311/1A, 311/1B, 311/2A, 311/2B, 311/2C, 312, 313/1, 313/2, 314, 315/1, 315/2, 315/3, 1/1A, 1/1B, 1/3, 2/2, 2/4, 2/5, 3/2A, 3/2B, 4/1, 4/2, 4/3, 6/1, 6/2, 6/3, 6/4, 7, 8/1, 8/2, 9, 10/1, 10/2, 10/3, 10/4, 11/1, 11/2, 11/3, 17/1, 18/1, 19/1, 19/2, 21/1, 21/2, 21/3, 21/4A, 21/4B, 21/4C, 21/4D, 21/5, 21/6, 5, 82/1, 82/2, 83/1, 83/2, 88/1, 88/2, 88/3A, 88/3B, 88/3C, 84/1, 84/2, 85/1, 85/2, 86/1, 86/2, 87, 89, 90/1A, 90/1B, 90/2, 124/1, 124/2, 124/3, 124/4, 124/5, 124/6, 126/1, 126/2, 127/1, 127/2, 127/3, 127/4, 128/2, 128/3, 128/4, 128/5, 14/1, 14/2, 14/3, 14/4, 15/1, 15/2, 15/3, 16/1, 16/2, 20, 25/1, 25/2, 25/3, 25/4, 25/5A, 25/5B, 26, 30/1, 30/2, 27/1A, 27/1B, 27/2, 28, 31/1, 31/2, 31/3, 32/1, 32/2A, 32/2B, 32/2C, 32/2D, 32/2E, 33/1, 33/2, 33/3, 33/4, 33/5, 33/6, 34, 36/1, 36/2, 37/1, 37/2, 41/1, 41/2, 78/1A, 78/1B, 78/1C, 78/1D, 78/1E, 78/1F, 78/2, 78/3, 40/1, 40/2, 42/1, 42/2, 43/1, 43/2, 43/3, 44/1, 44/2, 44/3A, 44/3B, 48/1A1, 48/1A2, 48/1B, 48/2A, 48/2B, 48/2C, 49, 50/1, 50/3, 51/1, 51/2, 51/4A, 51/4B, 51/5, 51/3, 39/1, 39/3, 52/1, 52/3, 52/4, 52/5, 53/1, 53/2, 53/3, 53/4, 54/1, 54/2, 54/3A, 54/3B, 54/3C, 54/4, 57/1, 57/2, 58/1, 58/2, 59/1, 59/2, 59/3, 60 of Therkuveerapandiyapuram Village in Ottapidaram Taluk & S.F.nos.: 26/6, 40/4, 46/3, 47/5, 45/1A, 45/1B, 45/2A, 45/2B, 45/2C, 45/2D, 45/3A, 45/3B, 45/3C, 45/4A, 45/4B, 45/4C, 45/5A1, 45/5A2, 45/5B, 45/5C, 45/5D1, 45/5D2, 45/5D3, 46/1, 46/2, 47/1A, 47/1B, 47/1C, 47/1D, 47/1E, 47/1F, 47/2, 47/3A, 47/3B, 47/3C, 47/3D, 47/4A, 47/4B, 47/4C, 47/4D, 48/1, 48/2, 49/1, 49/2, 50/1, 50/2, 51, 52/1, 52/2, 26/3A, 26/4, 33/Pt, 34/1A1, 34/1A2, 34/1B2, 34/2A, 34/2B, 34/2C, 34/2D, 34/3, 34/4, 38/4Pt, 39/1, 39/2, 41/1, 41/2, 42/1, 42/2, 43/1, 43/2, 44/1A, 44/1B1, 44/1B2, 44/2A, 44/2B1, 44/2B2, 44/2B3, 44/3A1, 44/3B1A, 44/3B1B, 44/3B2A, 44/3B2B of Milavittan Village in Thoothukudi Taluk, Thoothukudi District, Tamil Nadu, THERKU V P PURAM Village, Ottapidaram Taluk, Thoothukudi 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 on 14.02.2022/ 12.04.2022
2. IR.No : F.1589TTN/RL/AEE/TTN.2022 dated 22.06.2022
3. Minutes of TSC Resolution No.201-05 dated 21.07.2022

Consent to establish or take steps to establish is hereby granted under Section 25 of the Water (Prevention and control of Pollution) Act, 1974, as amended in 1988(Central Act 6 of 1974) (hereinafter referred to as 'The Act') and the Rules and Orders made there under in

The Managing Director,

SIPCOT INDUSTRIAL PARK, THOOTHUKUDI

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



TAMILNADU POLLUTION CONTROL BOARD

S.F.No.S.F.nos : 61/1, 62/2, 63/1, 70/1, 70/2, 71, 72/2A, 72/2B, 73/1, 73/2, 73/4, 74/1, 74/3, 74/4, 75/1, 75/2, 75/3A, 75/3B, 75/4, 76/1, 76/2, 76/3, 76/4, 76/5, 76/6, 76/7, 77/1, 77/2, 77/3, 77/4, 77/5, 285/1A, 285/1B, 285/1C, 285/2, 286, 287, 288/1, 288/2, 288/4, 289/3, 326/1, 339, 342, 349, 362/2, 372/2, 374/4, 343/1, 343/2, 343/3A, 343/3B, 350/1, 350/2, 351/1, 351/2A, 351/2B, 351/4, 351/5, 351/6, 353/3, 358/1A, 358/1B, 359/1, 359/2, 359/3, 359/4, 360/1, 360/2, 361/1, 364, 371/1, 371/2, 371/3, 373/1, 373/2, 373/3, 373/4, 363/1, 363/2, 363/3, 363/4, 366/1, 366/2, 366/3, 366/4, 372/1, 372/3, 374/2, 374/3, 375, 376/1A, 376/1B, 406/1, 406/2, 406/3, 301/1, 315/4, 316/3, 317/3, 318/1, 288/3, 351/3, 353/4, 358/2, 361/2, 363/5, 374/1, 61/3, 62/5, 63/5, 65/2, 72/1, 73/1, 74/2, 1/2, 2/1, 2/3, 3/1, 3/3, 14/5, 17/2, 18/2, 19/3, 21/7, 38/1, 38/2, 44/4, 48/3, 51/3, 128/1, 12, 13, 22, 23, 24, 29, 35, 39/2, 50/2, 52/2, 55, 56, 79, 80, 81, 47/1, 47/3, 47/4, 47/5, 47/6, 62/1, 62/3A, 62/3B, 62/3C, 62/3D, 62/4, 62/6A, 62/6B, 62/7, 62/8, 63/2, 63/3, 63/4A, 63/4B, 63/4C, 63/6A, 63/6B, 64/1, 64/2, 65/1, 65/3, 65/4, 65/5, 307/1, 307/2, 308/1, 308/2, 309, 316/1, 316/2, 316/4, 316/5, 317/1, 317/2, 61/2, 61/4, 310, 311/1A, 311/1B, 311/2A, 311/2B, 311/2C, 312, 313/1, 313/2, 314, 315/1, 315/2, 315/3, 1/1A, 1/1B, 1/3, 2/2, 2/4, 2/5, 3/2A, 3/2B, 4/1, 4/2, 4/3, 6/1, 6/2, 6/3, 6/4, 7, 8/1, 8/2, 9, 10/1, 10/2, 10/3, 10/4, 11/1, 11/2, 11/3, 17/1, 18/1, 19/1, 19/2, 21/1, 21/2, 21/3, 21/4A, 21/4B, 21/4C, 21/4D, 21/5, 21/6, 5, 82/1, 82/2, 83/1, 83/2, 88/1, 88/2, 88/3A, 88/3B, 88/3C, 84/1, 84/2, 85/1, 85/2, 86/1, 86/2, 87, 89, 90/1A, 90/1B, 90/2, 124/1, 124/2, 124/3, 124/4, 124/5, 124/6, 126/1, 126/2, 127/1, 127/2, 127/3, 127/4, 128/2, 128/3, 128/4, 128/5, 14/1, 14/2, 14/3, 14/4, 15/1, 15/2, 15/3, 16/1, 16/2, 20, 25/1, 25/2, 25/3, 25/4, 25/5A, 25/5B, 26, 30/1, 30/2, 27/1A, 27/1B, 27/2, 28/31/1, 31/2, 31/3, 32/1, 32/2A, 32/2B, 32/2C, 32/2D, 32/2E, 33/1, 33/2, 33/3, 33/4, 33/5, 33/6, 34, 36/1, 36/2, 37/1, 37/2, 41/1, 41/2, 78/1A, 78/1B, 78/1C, 78/1D, 78/1E, 78/1F, 78/2, 78/3, 40/1, 40/2, 42/1, 42/2, 43/1, 43/2, 43/3, 44/1, 44/2, 44/3A, 44/3B, 48/1A1, 48/1A2, 48/1B, 48/2A, 48/2B, 48/2C, 49, 50/1, 50/3, 51/1, 51/2, 51/4A, 51/4B, 51/5, 51/3, 39/1, 39/3, 52/1, 52/3, 52/4, 52/5, 53/1, 53/2, 53/3, 53/4, 54/1, 54/2, 54/3A, 54/3B, 54/3C, 54/4, 57/1, 57/2, 58/1, 58/2, 59/1, 59/2, 59/3, 60 of

Therkuveerapandiyapuram Village in Ottapidaram Taluk & S.F.nos : 26/6, 40/4, 46/3, 47/5, 45/1A, 45/1B, 45/2A, 45/2B, 45/2C, 45/2D, 45/3A, 45/3B, 45/3C, 45/4A, 45/4B, 45/4C, 45/5A1, 45/5A2, 45/5B, 45/5C, 45/5D1, 45/5D2, 45/5D3, 46/1, 46/2, 47/1A, 47/1B, 47/1C, 47/1D, 47/1E, 47/1F, 47/2, 47/3A, 47/3B, 47/3C, 47/3D, 47/4A, 47/4B, 47/4C, 47/4D, 48/1, 48/2, 49/1, 49/2, 50/1, 50/2, 51, 52/1, 52/2, 26/3A, 26/4, 33/Pl, 34/1A1, 34/1A2, 34/1B2, 34/2A, 34/2B, 34/2C, 34/2D, 34/3, 34/4, 38/4Pl, 39/1, 39/2, 41/1, 41/2, 42/1, 42/2, 43/1, 43/2, 44/1A, 44/1B1, 44/1B2, 44/2A, 44/2B1, 44/2B2, 44/2B3, 44/3A1, 44/3B1A, 44/3B1B, 44/3B2A, 44/3B2B of Milavanan Village in Thoothukudi Taluk, Thoothukudi District, Tamil Nadu,

ThERKU V P PURAM Village,

Ottapidaram Taluk,

Thoothukkudi District.

This Consent to establish is valid upto **February 01, 2029**, or till the industry obtains consent to operate under Section 25 of the Water (Prevention and control of Pollution) Act, 1974, as amended in 1988 whichever is earlier subject to special and general conditions enclosed.

**RAGUPATHI
SANGANAN**

Digitally signed by RAGUPATHI
SANGANAN
Date: 2023.07.29 11:50:56 +05'30'

For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

To

The Managing Director,

M/s.SIPCOT INDUSTRIAL PARK, THOOTHUKUDI,

State Industries Promotion Corporation of Tamilnadu Limited, 19-A, Rukmani Lakshminpathy Road, Post Box No. 7223, Egmore,
Chennai,

Pin: 600008

Copy to:

1. The Commissioner, OTTAPIDARAM-Panchayat Union, Ottapidaram Taluk, Thoothukkudi District

2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, THOOTHUKUDI

3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, TIRUNELVELI

4. File



TAMILNADU POLLUTION CONTROL BOARD



SPECIAL CONDITIONS

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

Sl. No.	Description	Quantity	Unit
Product Details			
1.	SIPCOT Industrial Park at Thoothukudi is an infrastructure development project in a total area of 466.503 Hectares (1152.262 Acres). It involves development and maintenance of infrastructure such as roads, storm water drains, water supply, power supply through TANGEDCO, street lights, green belt development and other such amenities to accommodate following type of industries: 1. Engineering /Auto components/Furniture Manufacturing 2. Packaging industries 3. Agro & Food 4. Eco friendly building materials (Fly ash bricks/ blocks manufacturing etc.) 5. Electronics/Electrical and Allied industries 6. Any other industries Not under the preview of EIA Notification 2006 and its amendments.	466.503	Hectares
By-Product Details			
1.	Nil	0	0

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

a Sewage Treatment Plant:			
Treatment status: Septic Tank and SP/DT			
SL. No.	Name of the Treatment Unit	No. of Units	Dimensions in metres
1.	Septic Tank	1	4.2 m x 2.3 m x 1.9m
2.	Soak Pit	1	1.0 m dia x 2.5 m Ht.
b Effluent Treatment Plant:			
Treatment status: No trade effluent and hence does not arise			
SL. No.	Name of the Treatment Unit	No. of Units	Dimensions in metres
1.			
2.			
3.			

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

Outlet No.	Description of Outlet	Maximum daily discharge in KLD	Point of disposal
Effluent Type : Sewage			
1.	Sewage from Administrative Building	0.85	Septic Tank followed by Soak Pit
Effluent Type : Trade Effluent			

4. Special Additional Conditions:



TAMILNADU POLLUTION CONTROL BOARD

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

5. Additional Conditions:





TAMILNADU POLLUTION CONTROL BOARD

1. The SIPCOT shall comply with the conditions stipulated in the Environmental Clearance obtained from SEIAA, TN vide Letter No. SEIAATN/F.7939/EC/8(b)/796/2022 dated 02/02/2022.
2. The issue of CTE to the project shall not be construed as CTO and shall not commission the project without obtaining CTO from the Board.
3. The SIPCOT shall start its establishment activities only after getting the necessary project building approvals from the competent authorities.
4. In accordance with Item No.9 of the EIA Notification, 2006, the SIPCOT shall possess valid EC while applying for CTO of the Board.
5. In accordance with Item No.11 of the EIA Notification, 2006, SIPCOT shall obtain NOC from MoEF/ SEIAA in the event of transfer of original EC in a different name.
6. This consent order does not absolve from obtaining necessary permission / Clearance from other Authority or under other statutes as applicable.
7. The SIPCOT shall obtain and furnish the approved planning permission from the Competent Authority while applying for CTO of the Board.
8. The SIPCOT shall obtain and furnish the land use classification certificate from Competent Authority while applying for CTO of the Board.
9. The stability of the entire building does not falls under the purview of the TNPC Board.
10. The SIPCOT shall allow only the industries that do not attract the provisions of EIA notification 2006 as amended in the industrial park as per the EC obtained.
11. The SIPCOT shall ensure that the allotted industrial units obtain consent from the TNPCB separately for their establishment & operation in this industrial estate.
12. The SIPCOT shall provide Septic Tank followed by Soak Pit to treat the Sewage generated from SIPCOT Administrative Building, so as to achieve the standards prescribed by the Board.
13. The SIPCOT shall obtain and furnish necessary permission / NOC for water supply from the TWAD Board / competent Authority while applying for CTO of the Board.
14. The SIPCOT shall submit baseline data for ground water to assess the quality of ground water around 1 KM radius outside the boundary of the project and also from available open wells inside the premises within a month's time.
15. The SIPCOT shall monitor the ground water in and around the unit premises periodically, so as to assess its quality and submit the ROA of the same to the Board.
16. The SIPCOT shall provide a common solid waste treatment and disposal facility for the disposal of solid wastes (bio degradable wastes) to be generated from the industries.
17. The bio degradable solid waste, non bio degradable solid waste, STP sludge, etc., shall be properly collected, segregated and disposed as per the provision of Solid waste(Management and Handling) Rules, 2016.
18. The SIPCOT shall allot 5% of the total plot area for Solid Waste Management as per the Solid waste Management Rules, 2016 as amended.
19. The SIPCOT shall provide Rain Water Harvesting pits so as to recharge the ground water table.
20. The SIPCOT shall ensure that the plastic wastes are segregated and disposed as per the provisions of Plastic Waste (Management and Handling) Rules, 2016.
21. The SIPCOT shall properly develop the common amenities like road, Storm water drain, street lights, water supply pipelines and avenue plantation in OSR area.
22. The SIPCOT shall earmark the buffer zone all around the periphery of the layout.
23. The SIPCOT shall provide solar powered lights for illumination of common areas, lighting for gardens and street lighting.
24. Compensation is to be paid for land acquisition as fixed by the District Collector and District Magistrate as civil liability, if applicable.
25. The SIPCOT shall ensure that all the allotted industries implement ZLD system for treating the trade effluent and shall ensure that no treated/ untreated sewage or trade effluent gain access outside the unit premises on land-water sources under any circumstance as these proposed park falls under the catchment area of nearby eri's.
26. The SIPCOT shall ensure that the allotted units not dig any well or bore well inside their premises for drawing of ground water.
27. The SIPCOT shall comply with the E- waste Management Rules, 2016. E-waste as listed in Schedule - I if generated, shall be channelized through collection centre or dealer of authorized producer or dismantler or recycler or through the designated take back service provider of the producer to authorized dismantler or recycler. The unit shall maintain records of e- waste generation in Form - 2 and make such records available for scrutiny by the TNPCB.
28. The SIPCOT shall ensure that the Industries housed in the Industrial Estate treat and dispose the sewage, trade effluent, solid waste, hazardous waste & E-waste disposal in compliance with the respective Acts.
29. The unit shall remit consent fee in case of revision by the Government.



TAMILNADU POLLUTION CONTROL BOARD

RAGUPATHI
SANGANAN

Digitally signed by RAGUPATHI
SANGANAN
Date: 2022.07.29 18:57:29 +05'30'

For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai





TAMILNADU POLLUTION CONTROL BOARD

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.

RAGUPATHI
SANGANAN

Digitally Signed by RAGUPATHI
SANGANAN
Date: 2023.07.28 19:17:51 +05'30'

For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai



LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

No.80, 7th Cross Street, Santhosh Nagar, Puthagaram,
Teachers Colony, Kolathur, Chennai 600 099.
E-mail: mgropr@lotusenviro.in / info@lotusenviro.in
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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. 552/25-26 ULR No. TC151312600000822F Report Date 02.03.2026

Sample Description	: Ambient Air Quality	
Customer Name	: M/s.SIPCOT Limited,	
Customer Address	: Tuticorin	
Sample Drawn by	: LES	
Date of Monitoring	: 20.02.2026 & 21.02.2026	Sampling Method : LES/EN/GEN/SOP/002
Location :Project Area		Temperature :31.0°C
Sample Code	: LES2602267	Humidity :68%
Sample Received On	:22.02.2026	Report Number :LES0822
Test Commenced On	:22.02.2026	Test Completed On :02.03.2026

S.No	Description	Method of Reference	Units	Results	*Max Limits (CPCB)
1.	Particulate Matter PM 2.5	IS:5182 (Part-24)2019	µg/m ³	22.4	60 (24 Hours) 40 (Annual)
2.	Particulate Matter PM 10	IS:5182 (Part-23)2006	µg/m ³	86.0	100 (24 Hours) 60 (Annual)
3.	Sulphur Dioxide as SO ₂	IS:5182 (Part-2) Sec 1:2023	µg/m ³	10.9	80 (24 Hours) 50 (Annual)
4.	Nitrogen Dioxide as NOX	IS:5182 (Part-6)2006	µg/m ³	11.4	80 (24 Hours) 40 (Annual)
5.	Carbon Monoxide as CO	IS:5182 (Part-10)1999	mg/m ³	BLQ (LOQ:1.15)	02 (8 Hours) 04 (1 Hour)
6.	Ammonia as NH ₃	IS:5182 (Part-25)2018	µg/m ³	BLQ (LOQ :20.0)	400 (24 Hours) 100 (Annual)
7.	Ozone as O ₃	IS:5182 (Part-9)1974	µg/m ³	BLQ (LOQ :20.0)	180 (1 Hour) 100 (8 Hours)
8.	Lead as Pb	IS:5182 (Part-22)2004	µg/m ³	BLQ (LOQ :0.001)	1.0 (24 Hours) 0.5 (Annual)
9.	Arsenic as As	AES/INS/AAS/SOP/004	ng/m ³	BLQ (LOQ:0.1)	06 (Annual)
10.	Nickel as Ni	IS:5182 (Part-26)2020	ng/m ³	BLQ (LOQ:5.0)	20 (Annual)
11.	Benzo (a) Pyrene Bap	IS:5182 (Part-12)2004	ng/m ³	BLQ (LOQ :0.02)	01 (Annual)
12.	Benzene as C ₆ H ₆	IS:5182 (Part-11)2006	µg/m ³	BLQ (LOQ :0.5)	05 (Annual)
13.	Total Volatile Organic Compounds	USEPA 21:2017	µg/m ³	BLQ (LOQ:0.5)	---

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

For LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

Verified by

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



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

Authorized Signatory

U. ANBARASAN
Quality Manager

Note: Any unauthorized alteration, forgery or falsification of the content or appearance of this test report is unlawful. Unless and otherwise stated the submitted results in this test report refer only to the sample(s) tested and such sample(s) are retained only for 15 days from the completion date of testing, except in case of regulatory samples. Samples are not drawn by us unless otherwise stated. This test report cannot be reproduced except in full, without prior written approval. This test report is for the exclusive use of Lotus Enviro Systems Private Limited and the referred customers.



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TEST REPORT

Job No. 552/25-26 ULR No. TC1513126000000823F Report Date 02.03.2026

Sample Description	: Ambient Air Quality	
Customer Name	: M/s.SIPCOT Limited,	
Customer Address	: Tuticorin	
Sample Drawn by	: LES	
Date of Monitoring	: 20.02.2026 & 21.02.2026	Sampling Method : LES/EN/GEN/SOP/002
Location	:Pudur Pandiyapuram	Temperature :33.0°C
Sample Code	: LES2602268	Humidity :70%
Sample Received On	:22.02.2026	Report Number :LES0823
Test Commenced On	:22.02.2026	Test Completed On :02.03.2026

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	21.5	60 (24 Hours) 40 (Annual)
2.	Particulate Matter PM 10	IS:5182 (Part-23)2006	µg/m ³	86.8	100 (24 Hours) 60 (Annual)
3.	Sulphur Dioxide as SO ₂	IS:5182 (Part-2) Sec 1:2023	µg/m ³	7.5	80 (24 Hours) 50 (Annual)
4.	Nitrogen Dioxide as NOX	IS:5182 (Part-6)2006	µg/m ³	8.3	80 (24 Hours) 40 (Annual)
5.	Carbon Monoxide as CO	IS:5182 (Part-10)1999	mg/m ³	BLQ (LOQ:1.15)	02 (8 Hours) 04 (1 Hour)
6.	Ammonia as NH ₃	IS:5182 (Part-25)2018	µg/m ³	BLQ (LOQ :20.0)	400 (24 Hours) 100 (Annual)
7.	Ozone as O ₃	IS:5182 (Part-9)1974	µg/m ³	BLQ (LOQ :20.0)	180 (1 Hour) 100 (8 Hours)
8.	Lead as Pb	IS:5182 (Part-22)2004	µg/m ³	BLQ (LOQ :0.001)	1.0 (24 Hours) 0.5 (Annual)
9.	Arsenic as As	AES/INS/AAS/SOP/004	ng/m ³	BLQ (LOQ:0.1)	06 (Annual)
10.	Nickel as Ni	IS:5182 (Part-26)2020	ng/m ³	BLQ (LOQ:5.0)	20 (Annual)
11.	Benzo (a) Pyrene Bap	IS:5182 (Part-12)2004	ng/m ³	BLQ (LOQ :0.02)	01 (Annual)
12.	Benzene as C ₆ H ₆	IS:5182 (Part-11)2006	µg/m ³	BLQ (LOQ :0.5)	05 (Annual)
13.	Total Volatile Organic Compounds	USEPA 21:2017	µg/m ³	BLQ (LOQ:0.5)	—

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

For LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

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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. 552/25-26 ULR No. TC151312600000824F Report Date 02.03.2026

Sample Description	: Ambient Air Quality	
Customer Name	: M/s.SIPCOT Limited,	
Customer Address	: Tuticorin	
Sample Drawn by	: LES	
Date of Monitoring	: 20.02.2026 & 21.02.2026	Sampling Method : LES/EN/GEN/SOP/002
Location :Saminatham		Temperature :30.0°C
Sample Code	: LES2602269	Humidity :65%
Sample Received On	:22.02.2026	Report Number :LES0824
Test Commenced On	:22.02.2026	Test Completed On :02.03.2026

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	94.0	100 (24 Hours) 60 (Annual)
3.	Sulphur Dioxide as SO ₂	IS:5182 (Part-2) Sec 1:2023	µg/m ³	11.6	80 (24 Hours) 50 (Annual)
4.	Nitrogen Dioxide as NOX	IS:5182 (Part-6)2006	µg/m ³	14.1	80 (24 Hours) 40 (Annual)
5.	Carbon Monoxide as CO	IS:5182 (Part-10)1999	mg/m ³	BLQ (LOQ:1.15)	02 (8 Hours) 04 (1 Hour)
6.	Ammonia as NH ₃	IS:5182 (Part-25)2018	µg/m ³	BLQ (LOQ :20.0)	400 (24 Hours) 100 (Annual)
7.	Ozone as O ₃	IS:5182 (Part-9)1974	µg/m ³	BLQ (LOQ :20.0)	180 (1 Hour) 100 (8 Hours)
8.	Lead as Pb	IS:5182 (Part-22)2004	µg/m ³	BLQ (LOQ :0.001)	1.0 (24 Hours) 0.5 (Annual)
9.	Arsenic as As	AES/INS/AAS/SOP/004	ng/m ³	BLQ (LOQ:0.1)	06 (Annual)
10.	Nickel as Ni	IS:5182 (Part-26)2020	ng/m ³	BLQ (LOQ:5.0)	20 (Annual)
11.	Benzo (a) Pyrene Bap	IS:5182 (Part-12)2004	ng/m ³	BLQ (LOQ :0.02)	01 (Annual)
12.	Benzene as C ₆ H ₆	IS:5182 (Part-11)2006	µg/m ³	BLQ (LOQ :0.5)	05 (Annual)
13.	Total Volatile Organic Compounds	USEPA 21:2017	µg/m ³	BLQ (LOQ:0.5)	---

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

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TEST REPORT

Job No. 552/25-26 ULR No. TC151312600000825F Report Date 02.03.2026

Sample Description	: Ambient Air Quality	
Customer Name	: M/s.SIPCOT Limited,	
Customer Address	: Tuticorin	
Sample Drawn by	: LES	
Date of Monitoring	: 20.02.2026 & 21.02.2026	Sampling Method : LES/EN/GEN/SOP/002
Location	:Vadaku Silukkanpatti	Temperature :33.0°C
Sample Code	: LES2602270	Humidity :66%
Sample Received On	:22.02.2026	Report Number :LES0825
Test Commenced On	:22.02.2026	Test Completed On :02.03.2026

S.No	Description	Method of Reference	Units	Results	*Max Limits (CPCB)
1.	Particulate Matter PM 2.5	IS:5182 (Part-24)2019	µg/m³	22.8	60 (24 Hours) 40 (Annual)
2.	Particulate Matter PM 10	IS:5182 (Part-23)2006	µg/m³	83.0	100 (24 Hours) 60 (Annual)
3.	Sulphur Dioxide as SO ₂	IS:5182 (Part-2) Sec 1:2023	µg/m³	10.0	80 (24 Hours) 50 (Annual)
4.	Nitrogen Dioxide as NOX	IS:5182 (Part-6)2006	µg/m³	15.5	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. 552/25-26 ULR No. TC151312600000826F Report Date 02.03.2026

Sample Description	: Ambient Air Quality	
Customer Name	: M/s.SIPCOT Limited,	
Customer Address	: Tuticorin	
Sample Drawn by	: LES	
Date of Monitoring	: 20.02.2026 & 21.02.2026	Sampling Method : LES/EN/GEN/SOP/002
Location :Kailasapuram		Temperature :34.0°C
Sample Code	: LES2602271	Humidity :66%
Sample Received On	:22.02.2026	Report Number :LES0826
Test Commenced On	:22.02.2026	Test Completed On :02.03.2026

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	23.8	60 (24 Hours) 40 (Annual)
2.	Particulate Matter PM 10	IS:5182 (Part-23)2006	µg/m ³	85.0	100 (24 Hours) 60 (Annual)
3.	Sulphur Dioxide as SO ₂	IS:5182 (Part-2) Sec 1:2023	µg/m ³	11.3	80 (24 Hours) 50 (Annual)
4.	Nitrogen Dioxide as NOX	IS:5182 (Part-6)2006	µg/m ³	14.7	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. 552/25-26 ULR No. TC151312600000827F Report Date 02.03.2026

Sample Description : Ambient Noise Levels
Customer Name : M/s.SIPCOT Limited,
Customer Address : Tuticorin
Sample Drawn by : LES
Date of Monitoring : 21.02.2026
Sample Code : LES2602272
Test Commenced On : 22.02.2026
Report Number : LES0827

Sampling Method : LES/EN/GEN/SOP/006
Test Method : IS: 9989-1981
Sample Received On : 22.02.2026
Test Completed On : 02.03.2026

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	46.6	52.2	49.4	36.1	41.2	38.5
2.	Pudur Pandiyapuram	44.5	51.6	48.6	36.0	40.2	38.4
3.	Saminatham	40.5	53.4	49.1	38.2	43.2	41.1
4.	Vadakku Silukkanpatti	45.1	49.4	47.4	38.7	41.0	39.9
5.	Kailasapuram	43.4	50.4	47.8	38.9	43.1	41.2
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.

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

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TEST REPORT

Job No. 552/25-26 Report No. TC1513126000000828F Report Date 02.03.2026

Sample Description: Ground Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Tuticorin	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Ground Water	Qty Sample Received: 5 Ltrs
Sample Code:LES2602273	Sample Condition : Clear Liquid
Sampling Date : 21.02.2026	Sample Received On: 22.02.2026
Test Commenced On: 22.02.2026	Test Completed On: 02.03.2026
Sampling Location : Project Site	Report Number: LES0828

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	187	500	2000
4.	pH @ 25°C	IS:3025 (Part-11)2022	---	7.95	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	4.71	30	100
8.	Nitrate as NO ₃	APHA 24 th Edition 2023 4500 NO ₃ -B	mg/L	19	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	33.02	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. 552/25-26 Report No. TC1513126000000828F Report Date 02.03.2026

S.No	Description	Method of Reference	Units	Results	*Limits (Max)	**Limits (Max)
20.	Chloride as Cl	IS:3025 (Part-32)1988	mg/L	36.64	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	46	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	105.83	200	600
25.	Total Hardness as CaCO ₃	IS:3025 (Part-21)2009	mg/L	101.92	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	20.94	---	---
28.	Potassium as K	IS:3025 (Part-45)1993	mg/L	2.66	---	---
29.	Residual Sodium Carbonate	IS:11624-2019	meq/L	0.08	---	---
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	105.83	---	---
35.	Electrical Conductivity @25°C	IS:3025 (Part-14)2013	µs/cm	292	---	---
36.	Percent Sodium	AES/EN/WAT/SOP/001	%	30.22	---	---
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	0.27	---	---
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
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TEST REPORT

Job No. 552/25-26 Report No. 26000000828 Report Date 02.03.2026

Sample Description: Ground Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Tuticorin	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Ground Water	Qty Sample Received: 5 Ltrs
Sample Code:LES2602273	Sample Condition : Clear Liquid
Sampling Date : 21.02.2026	Sample Received On: 22.02.2026
Test Commenced On: 22.02.2026	Test Completed On: 02.03.2026
Sampling Location : Project Site	

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
1 of 1

Authorized Signatory

U.ANBARASAN
Quality Manager

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TEST REPORT

Job No. 578/25-26 Report No. TC1513126000000829F Report Date 02.03.2026

Sample Description: Ground Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Tuticorin	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Ground Water	Qty Sample Received: 5 Ltrs
Sample Code:LES2602274	Sample Condition : Clear Liquid
Sampling Date : 21.02.2026	Sample Received On: 22.02.2026
Test Commenced On: 22.02.2026	Test Completed On: 02.03.2026
Sampling Location : Kailasapuram	Report Number: LES0829

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	476	500	2000
4.	pH @ 25°C	IS:3025 (Part-11)2022	---	8.08	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	10.56	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	74.13	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. 578/25-26 Report No. TC1513126000000829F Report Date 02.03.2026

S.No	Description	Method of Reference	Units	Results	*Limits (Max)	**Limits (Max)
20.	Chloride as Cl	IS:3025 (Part-32)1988	mg/L	57.85	250	1000
21.	Fluoride as F	APHA 24 th Edition 2023 4500 F D	mg/L	BLQ (LOQ:0.2)	1.0	1.5
22.	Sulphate as SO ₄	APHA 24 th Edition 2023 4500 SO4 E	mg/L	146	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	265	200	600
25.	Total Hardness as CaCO ₃	IS:3025 (Part-21)2009	mg/L	228.8	200	600
26.	Total Suspended Solids	IS:3025 (Part-17)2022	mg/L	BLQ (LOQ:1.0)	---	---
27.	Sodium as Na	IS:3025 (Part-45)1993	mg/L	71.4	---	---
28.	Potassium as K	IS:3025 (Part-45)1993	mg/L	8.28	---	---
29.	Residual Sodium Carbonate	IS:11624-2019	meq/L	0.73	---	---
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	265	---	---
35.	Electrical Conductivity @25°C	IS:3025 (Part-14)2013	µs/cm	743	---	---
36.	Percent Sodium	AES/EN/WAT/SOP/001	%	39.37	---	---
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	0.18	---	---
39.	Dissolved Oxygen	IS:3025 (Part - 38) 1989	mg/L	6.8	---	---

*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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Authorized Signatory

U.ANBARASAN
Quality Manager

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TEST REPORT

Job No. 578/25-26 Report No. 26000000829 Report Date 02.03.2026

Sample Description: Ground Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Tuticorin	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Ground Water	Qty Sample Received: 5 Ltrs
Sample Code:LE52602274	Sample Condition : Clear Liquid
Sampling Date : 21.02.2026	Sample Received On: 22.02.2026
Test Commenced On: 22.02.2026	Test Completed On: 02.03.2026
Sampling Location : Kailasapuram	

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. 578/25-26 Report No. TC1513126000000830F Report Date 02.03.2026

Sample Description: Ground Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Tuticorin	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Ground Water	Qty Sample Received: 5 Ltrs
Sample Code:LES2602275	Sample Condition : Clear Liquid
Sampling Date : 21.02.2026	Sample Received On: 22.02.2026
Test Commenced On: 22.02.2026	Test Completed On: 02.03.2026
Sampling Location : Vadakku Silukkanpatti	Report Number: LES0830

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	1886	500	2000
4.	pH @ 25°C	IS:3025 (Part-11)2022	---	7.67	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	51	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	125	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. 578/25-26 Report No. TC1513126000000830F Report Date 02.03.2026

S.No	Description	Method of Reference	Units	Results	*Limits (Max)	**Limits (Max)
20.	Chloride as Cl	IS:3025 (Part-32)1988	mg/L	650.86	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	310	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	488	200	600
25.	Total Hardness as CaCO ₃	IS:3025 (Part-21)2009	mg/L	520	200	600
26.	Total Suspended Solids	IS:3025 (Part-17)2022	mg/L	BLQ (LOQ:1.0)	---	---
27.	Sodium as Na	IS:3025 (Part-45)1993	mg/L	412	---	---
28.	Potassium as K	IS:3025 (Part-45)1993	mg/L	44	---	---
29.	Residual Sodium Carbonate	IS:11624-2019	meq/L	-0.67	---	---
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	488	---	---
35.	Electrical Conductivity @25°C	IS:3025 (Part-14)2013	µs/cm	3197	---	---
36.	Percent Sodium	AES/EN/WAT/SOP/001	%	60.78	---	---
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	6.6	---	---

*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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Quality Manager

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TEST REPORT

Job No. 578/25-26 Report No. 26000000830 Report Date 02.03.2026

Sample Description: Ground Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Tuticorin	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Ground Water	Qty Sample Received: 5 Ltrs
Sample Code:LES2602275	Sample Condition : Clear Liquid
Sampling Date : 21.02.2026	Sample Received On: 22.02.2026
Test Commenced On: 22.02.2026	Test Completed On: 02.03.2026
Sampling Location : Vadakku Silukkanpatti	

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. 578/25-26 ULR No. TC1513126000000831F Report Date 02.03.2026

Sample Description: Surface Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address : Tuticorin	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Surface Water	Qty Sample Received: 5 Ltrs
Sample Code: LES2602276	Sample Condition : Slightly Turbid Liquid
Sampling Date : 20.02.2026	Sample Received On: 22.02.2026
Test Commenced On: 22.02.2026	Test Completed On: 02.03.2026
Sampling Location : Lake Near Korampallam	Report Number: LES0831

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	232.96
4.	pH @ 25°C	IS:3025 (Part-11)2022	---	7.62
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	4.69
7.	Nitrate as NO3	APHA 24th Edition 2023 4500 NO3-B	mg/L	2.33
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	52.42
10.	Iron as Fe	IS:3025 (Part-53)2003	mg/L	BLQ(LOQ:0.05)
11.	Manganese as Mn	APHA 24th Edition 2023 3111 B	mg/L	BLQ (LOQ:0.04)
12.	Arsenic as As	APHA 24th Edition 2023 3114 C	mg/L	BLQ(LOQ:0.002)
13.	Mercury as Hg	APHA 24th Edition 2023 3112 B	mg/L	BLQ(LOQ:0.0005)
14.	Copper as Cu	APHA 24th Edition 2023 3111 - B	mg/L	BLQ(LOQ:0.03)
15.	Zinc as Zn	APHA 24th Edition 2023 3111 - B	mg/L	BLQ(LOQ:0.02)
16.	Selenium as Se	APHA 24th Edition 2023 3114 - C	mg/L	BLQ(LOQ:0.001)
17.	Boron as B	APHA 24th Edition 2023 4500 B B	mg/L	BLQ(LOQ:0.1)
18.	Chloride as Cl	IS:3025 (Part-32)1988	mg/L	19.28
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. 578/25-26 ULR No. TC1513126000000831F Report Date 02.03.2026

S.No	Description	Method of Reference	Units	Results
20.	Sulphate as SO ₄	APHA 24 th Edition 2023 4500 SO ₄ E	mg/L	32.61
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	55.91
23.	Total Hardness as CaCO ₃	IS:3025 (Part-21)2009	mg/L	141.21
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	65.23
26.	Potassium as K	IS:3025 (Part-45)1993	mg/L	6.52
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	364
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	0.36
33.	Dissolved Oxygen	IS:3025 (Part - 38) 1989	mg/L	6.5

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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. 578/25-26 Report No. 1513126000000831 Report Date 02.03.2026

Sample Description: Surface Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address : Tuticorin	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Surface Water	Qty Sample Received: 5 Ltrs
Sample Code: LES2602276	Sample Condition : Slightly Turbid Liquid
Sampling Date : 20.02.2026	Sample Received On: 22.02.2026
Test Commenced On: 22.02.2026	Test Completed On: 02.03.2026
Sampling Location : Lake Near Korampallam	

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	-1.88
7.	Percent Sodium	AES/EN/WAT/SOP/001	%	47.23
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	55.91

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



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TEST REPORT

Job No. 578/25-26 ULR No. TC1513126000000832F Report Date 02.03.2026

Sample Description: Surface Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address : Tuticorin	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Surface Water	Qty Sample Received: 5 Ltrs
Sample Code: LE52602277	Sample Condition : Slightly Turbid Liquid
Sampling Date : 20.02.2026	Sample Received On: 22.02.2026
Test Commenced On: 22.02.2026	Test Completed On: 02.03.2026
Sampling Location : Pond Near Pudur Pandiypuram	Report Number: LE50832

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	236.8
4.	pH @ 25°C	IS:3025 (Part-11)2022	---	7.91
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	4.69
7.	Nitrate as NO3	APHA 24th Edition 2023 4500 NO3-B	mg/L	2.37
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	34.94
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	19.28
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. 578/25-26 ULR No. TC1513126000000832F Report Date 02.03.2026

S.No	Description	Method of Reference	Units	Results
20.	Sulphate as SO ₄	APHA 24 th Edition 2023 4500 SO ₄ E	mg/L	35.52
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	73.41
23.	Total Hardness as CaCO ₃	IS:3025 (Part-21)2009	mg/L	124.8
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	61.57
26.	Potassium as K	IS:3025 (Part-45)1993	mg/L	6.16
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	370
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	0.71
33.	Dissolved Oxygen	IS:3025 (Part - 38) 1989	mg/L	6.7

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LOQ – Limit of Quantification

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Quality Manager

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TEST REPORT

Job No. 578/25-26 Report No. 1513126000000832 Report Date 02.03.2026

Sample Description: Surface Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address : Tuticorin	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Surface Water	Qty Sample Received: 5 Ltrs
Sample Code: LES2602277	Sample Condition : Slightly Turbid Liquid
Sampling Date : 20.02.2026	Sample Received On: 22.02.2026
Test Commenced On: 22.02.2026	Test Completed On: 02.03.2026
Sampling Location : Pond Near Pudur Pandiypuram	

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	-0.66
7.	Percent Sodium	AES/EN/WAT/SOP/001	%	53.93
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	73.41

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Quality Manager

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TEST REPORT

Job No. 578/25-26 ULR No. TC151312600000833F Report Date 02.03.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Tuticorin	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602278	Sample Condition : Fit for analysis
Sampling Date : 21.02.2026	Sample Received On:22.02.2026
Test Commenced On:22.02.2026	Test Completed On:02.03.2026
Sampling Location : Project Area	Report Number: LES0833

S.No	Description	Method of Reference	Units	Results
PHYSICAL PARAMETERS				
1.	pH @25°C	IS:2720 (Part 26)1987	---	6.44
2.	Electrical Conductivity @25°C	IS:14767:2000	µs/cm	331.1
3.	Total Sand	AES/EN/SLS/SOP/017	%	52
4.	Silt	AES/EN/SLS/SOP/017	%	10
5.	Clay	AES/EN/SLS/SOP/017	%	33
6.	Bulk Density	AES/EN/SLS/SOP/001	---	1.3
7.	Moisture	IS 2720 (Part - 2)1973	%	11.9
CHEMICAL PARAMETERS -				
8.	Manganese as Mn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	152
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	18.21
12.	Total Nitrogen as N	IS:14684:1999	mg/kg	135
13.	Exchangeable Calcium as Ca	AES/EN/SLS/SOP/011	mg/kg	22.8
14.	Exchangeable Magnesium as Mg	AES/EN/SLS/SOP/011	mg/kg	6
15.	Cation Exchange Capacity	EPA 9081:1986	meq/100g	5.3
16.	Water Holding Capacity	AES/EN/SLS/SOP/005	%	24.9
17.	Available Phosphorous as P	AES/EN/SLS/SOP/012	mg/kg	32
18.	Zinc as Zn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	21
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
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	3.8
23.	Copper as Cu	USEPA 7000B & EPA 3050 B - 1996	mg/kg	6.9

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Quality Manager

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TEST REPORT

Job No.	578/25-26	Report No.	26000000833	Report Date	02.03.2026
Sample Description: Soil/ Sediments					
Customer Name: M/s.SIPCOT Limited,					
Customer Address: Tuticorin					
Sample Drawn by: LES			Sampling Method : LES/EN/GEN/SOP/009		
Sample Name: Soil			Qty Sample Received: 2 Kgs		
Sample Code: LES2602278			Sample Condition : Fit for analysis		
Sampling Date : 21.02.2026			Sample Received On:22.02.2026		
Test Commenced On:22.02.2026			Test Completed On:02.03.2026		
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	1.2
3.	Colour	LES/EN/SLS/SOP/032	---	Brownish

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TEST REPORT

Job No.	578/25-26	ULR No.	TC151312600000834F	Report Date	02.03.2026
Sample Description: Soil/ Sediments					
Customer Name: M/s.SIPCOT Limited,					
Customer Address: Tuticorin					
Sample Drawn by: LES			Sampling Method : LES/EN/GEN/SOP/009		
Sample Name: Soil			Qty Sample Received: 2 Kgs		
Sample Code: LES2602279			Sample Condition : Fit for analysis		
Sampling Date : 21.02.2026			Sample Received On:22.02.2026		
Test Commenced On:22.02.2026			Test Completed On:02.03.2026		
Sampling Location : Pudur Pandiyapuram			Report Number: LE50834		

S.No	Description	Method of Reference	Units	Results
PHYSICAL PARAMETERS				
1.	pH @25°C	IS:2720 (Part 26)1987	---	7.98
2.	Electrical Conductivity @25°C	IS:14767:2000	µs/cm	267.3
3.	Total Sand	AES/EN/SLS/SOP/017	%	59
4.	Silt	AES/EN/SLS/SOP/017	%	11
5.	Clay	AES/EN/SLS/SOP/017	%	26
6.	Bulk Density	AES/EN/SLS/SOP/001	---	1.34
7.	Moisture	IS 2720 (Part - 2)1973	%	10.1
CHEMICAL PARAMETERS -				
8.	Manganese as Mn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	168
9.	Total Organic Carbon	AES/EN/SLS/SOP/019	%	0.67
10.	Total Organic matter	IS:2720 (Part -22)1972	%	1.16
11.	Available Potassium as K	AES/EN/SLS/SOP/018	mg/kg	21.38
12.	Total Nitrogen as N	IS:14684:1999	mg/kg	133
13.	Exchangeable Calcium as Ca	AES/EN/SLS/SOP/011	mg/kg	20.2
14.	Exchangeable Magnesium as Mg	AES/EN/SLS/SOP/011	mg/kg	5.2
15.	Cation Exchange Capacity	EPA 9081-1986	meq/100g	5.4
16.	Water Holding Capacity	AES/EN/SLS/SOP/005	%	24.7
17.	Available Phosphorous as P	AES/EN/SLS/SOP/012	mg/kg	41.4
18.	Zinc as Zn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	26
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	14.9
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	5.5
23.	Copper as Cu	USEPA 7000B & EPA 3050 B - 1996	mg/kg	7.5

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TEST REPORT

Job No.	578/25-26	Report No.	26000000834	Report Date	02.03.2026
Sample Description: Soil/ Sediments					
Customer Name: M/s.SIPCOT Limited,					
Customer Address: Tuticorin					
Sample Drawn by: LES			Sampling Method : LES/EN/GEN/SOP/009		
Sample Name: Soil			Qty Sample Received: 2 Kgs		
Sample Code: LES2602279			Sample Condition : Fit for analysis		
Sampling Date : 21.02.2026			Sample Received On:22.02.2026		
Test Commenced On:22.02.2026			Test Completed On:02.03.2026		
Sampling Location : Pudur Pandiyapuram					

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	1.7
3.	Colour	LES/EN/SLS/SOP/032	---	Brownish

For LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

Verified by



End of Report

1 of 1

Authorized Signatory

U.ANBARASAN
Quality Manager

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TEST REPORT

Job No. 578/25-26 ULR No. TC151312600000835F Report Date 02.03.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Tuticorin	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602280	Sample Condition : Fit for analysis
Sampling Date : 21.02.2026	Sample Received On:22.02.2026
Test Commenced On:22.02.2026	Test Completed On:02.03.2026
Sampling Location : Saminatham	Report Number: LES0835

S.No	Description	Method of Reference	Units	Results
PHYSICAL PARAMETERS				
1.	pH @25°C	IS:2720 (Part 26)1987	---	7.22
2.	Electrical Conductivity @25°C	IS:14767:2000	µs/cm	376.9
3.	Total Sand	AES/EN/SLS/SOP/017	%	53
4.	Silt	AES/EN/SLS/SOP/017	%	13
5.	Clay	AES/EN/SLS/SOP/017	%	28
6.	Bulk Density	AES/EN/SLS/SOP/001	---	1.31
7.	Moisture	IS 2720 (Part - 2)1973	%	13.5
CHEMICAL PARAMETERS -				
8.	Manganese as Mn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	146
9.	Total Organic Carbon	AES/EN/SLS/SOP/019	%	0.66
10.	Total Organic matter	IS:2720 (Part -22)1972	%	1.14
11.	Available Potassium as K	AES/EN/SLS/SOP/018	mg/kg	27.89
12.	Total Nitrogen as N	IS:14684:1999	mg/kg	130
13.	Exchangeable Calcium as Ca	AES/EN/SLS/SOP/011	mg/kg	25
14.	Exchangeable Magnesium as Mg	AES/EN/SLS/SOP/011	mg/kg	6.4
15.	Cation Exchange Capacity	EPA 9081:1986	meq/100g	5.9
16.	Water Holding Capacity	AES/EN/SLS/SOP/005	%	24.5
17.	Available Phosphorous as P	AES/EN/SLS/SOP/012	mg/kg	32.9
18.	Zinc as Zn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	19
19.	Boron as B	AES/EN/SLS/SOP/015	mg/kg	0.68
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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Note: BLQ – Below Limit of Quantification
LOQ – Limit of Quantification

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TEST REPORT

Job No.	578/25-26	Report No.	26000000835	Report Date	02.03.2026
Sample Description: Soil/ Sediments					
Customer Name: M/s.SIPCOT Limited,					
Customer Address: Tuticorin					
Sample Drawn by: LES			Sampling Method : LES/EN/GEN/SOP/009		
Sample Name: Soil			Qty Sample Received: 2 Kgs		
Sample Code: LES2602280			Sample Condition : Fit for analysis		
Sampling Date : 21.02.2026			Sample Received On:22.02.2026		
Test Commenced On:22.02.2026			Test Completed On:02.03.2026		
Sampling Location : Saminatham					

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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Quality Manager

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TEST REPORT

Job No. 578/25-26 ULR No. TC1513126000000836F Report Date 02.03.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Tuticorin	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602281	Sample Condition : Fit for analysis
Sampling Date : 21.02.2026	Sample Received On:22.02.2026
Test Commenced On:22.02.2026	Test Completed On:02.03.2026
Sampling Location : Vadakku Silukkanpatti	Report Number: LES0836

S.No	Description	Method of Reference	Units	Results
PHYSICAL PARAMETERS				
1.	pH @25°C	IS:2720 (Part 26)1987	---	6.75
2.	Electrical Conductivity @25°C	IS:14767:2000	µs/cm	286.4
3.	Total Sand	AES/EN/SLS/SOP/017	%	50
4.	Silt	AES/EN/SLS/SOP/017	%	12
5.	Clay	AES/EN/SLS/SOP/017	%	32
6.	Bulk Density	AES/EN/SLS/SOP/001	---	1.32
7.	Moisture	IS 2720 (Part - 2)1973	%	12.9
CHEMICAL PARAMETERS -				
8.	Manganese as Mn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	140
9.	Total Organic Carbon	AES/EN/SLS/SOP/019	%	0.65
10.	Total Organic matter	IS:2720 (Part -22)1972	%	1.12
11.	Available Potassium as K	AES/EN/SLS/SOP/018	mg/kg	22.91
12.	Total Nitrogen as N	IS:14684:1999	mg/kg	129
13.	Exchangeable Calcium as Ca	AES/EN/SLS/SOP/011	mg/kg	21
14.	Exchangeable Magnesium as Mg	AES/EN/SLS/SOP/011	mg/kg	5.4
15.	Cation Exchange Capacity	EPA 9081:1986	meq/100g	5.4
16.	Water Holding Capacity	AES/EN/SLS/SOP/005	%	24.3
17.	Available Phosphorous as P	AES/EN/SLS/SOP/012	mg/kg	42.9
18.	Zinc as Zn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	17
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	17.5
21.	Cadmium as Cd	USEPA 7000B & EPA 3050 B - 1996	mg/kg	BLQ (LOQ:2.0)
22.	Iron as Fe	USEPA 7000B & EPA 3050 B - 1996	mg/kg	2.6
23.	Copper as Cu	USEPA 7000B & EPA 3050 B - 1996	mg/kg	6.3

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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. 578/25-26 Report No. 26000000836 Report Date 02.03.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Tuticorin	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602281	Sample Condition : Fit for analysis
Sampling Date : 21.02.2026	Sample Received On:22.02.2026
Test Commenced On:22.02.2026	Test Completed On:02.03.2026
Sampling Location : Vadakku Silukkanpatti	

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	1.3
3.	Colour	LES/EN/SLS/SOP/032	---	Brownish

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TEST REPORT

Job No. 578/25-26 ULR No. TC151312600000837F Report Date 02.03.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Tuticorin	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602282	Sample Condition : Fit for analysis
Sampling Date : 21.02.2026	Sample Received On:22.02.2026
Test Commenced On:22.02.2026	Test Completed On:02.03.2026
Sampling Location : Kailasapuram	Report Number: LES0837

S.No	Description	Method of Reference	Units	Results
PHYSICAL PARAMETERS				
1.	pH @25°C	IS:2720 (Part 26)1987	---	6.92
2.	Electrical Conductivity @25°C	IS:14767-2000	µs/cm	316.1
3.	Total Sand	AES/EN/SLS/SOP/017	%	51
4.	Silt	AES/EN/SLS/SOP/017	%	11
5.	Clay	AES/EN/SLS/SOP/017	%	33
6.	Bulk Density	AES/EN/SLS/SOP/001	---	1.33
7.	Moisture	IS 2720 (Part - 2)1973	%	6.4
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	21.49
12.	Total Nitrogen as N	IS:14684:1999	mg/kg	133
13.	Exchangeable Calcium as Ca	AES/EN/SLS/SOP/011	mg/kg	22.2
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	%	24.6
17.	Available Phosphorous as P	AES/EN/SLS/SOP/012	mg/kg	42.4
18.	Zinc as Zn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	20
19.	Boron as B	AES/EN/SLS/SOP/015	mg/kg	0.7
20.	Chromium as Cr	USEPA 7000B & EPA 3050 B - 1996	mg/kg	16.3
21.	Cadmium as Cd	USEPA 7000B & EPA 3050 B - 1996	mg/kg	BLQ (LOQ:2.0)
22.	Iron as Fe	USEPA 7000B & EPA 3050 B - 1996	mg/kg	3.6
23.	Copper as Cu	USEPA 7000B & EPA 3050 B - 1996	mg/kg	6.8

For LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

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



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TEST REPORT

Job No.	578/25-26	Report No.	26000000837	Report Date	02.03.2026
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Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Tuticorin	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602282	Sample Condition : Fit for analysis
Sampling Date : 21.02.2026	Sample Received On:22.02.2026
Test Commenced On:22.02.2026	Test Completed On:02.03.2026
Sampling Location : Kailasapuram	

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	1.4
3.	Colour	LES/EN/SLS/SOP/032	---	Brownish

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SIPCOT –THOOTHUKUDI

ENVIRONMENTAL MONITORING PHOTOGRAPHS

AMBIENT AIR QUALITY MONITORING PHOTOGRAPHS:

Project area



Saminatham



Kailasapuram (Ayyanadaippu)



Vadaku Silukkanpatti



Pudur Pandiyapuram



NOISE SAMPLING PHOTOGRAPH

Project site	Saminatham
 Thoothukudi, Tamil Nadu, India 0906, 0906, 0906, Thoothukudi, Tamil Nadu, India Lat: 8.654227, Long: 78.644550 Sampling: 2022/03/28 09:30 AM GMT+05:30	 Saminatham, Tamil Nadu, India 0718, 0718, 0718, Saminatham, Tamil Nadu, India Lat: 8.654227, Long: 78.644550 Sampling: 2022/03/28 09:30 AM GMT+05:30
Kailasapuram	Vadaku Silukkanpatti
 Thoothukudi, Tamil Nadu, India 0906, 0906, 0906, Thoothukudi, Tamil Nadu, India Lat: 8.654227, Long: 78.644550 Sampling: 2022/03/28 09:30 AM GMT+05:30	 Vadaku Silukkanpatti, Tamil Nadu, India 0718, 0718, 0718, Vadaku Silukkanpatti, Tamil Nadu, India Lat: 8.654227, Long: 78.644550 Sampling: 2022/03/28 09:30 AM GMT+05:30
Pudur Pandiyapuram	
 Thoothukudi, Tamil Nadu, India 0906, 0906, 0906, Thoothukudi, Tamil Nadu, India Lat: 8.654227, Long: 78.644550 Sampling: 2022/03/28 09:30 AM GMT+05:30	

SOIL SAMPLING PHOTOGRAPH

Project site	Saminatham
 Thoothukudi, Tamil Nadu, India 🇮🇳 08.0.000000, Thoothukudi, Tamil Nadu, India Lat: 8.000000° Long: 78.000000° Elevation: 2000.0000 m ASL 14/04/2021 10:00:00	 Saminatham, Tamil Nadu, India 🇮🇳 08.0.000000, Saminatham, Tamil Nadu, India Lat: 8.000000° Long: 78.000000° Elevation: 2000.0000 m ASL 14/04/2021 10:00:00
Kailasapuram	Vadaku Silukkanpatti
 Thoothukudi, Tamil Nadu, India 🇮🇳 08.0.000000, Thoothukudi, Tamil Nadu, India Lat: 8.000000° Long: 78.000000° Elevation: 2000.0000 m ASL 14/04/2021 10:00:00	 Vadaku Silukkanpatti, Tamil Nadu, India 🇮🇳 08.0.000000, Vadaku Silukkanpatti, Tamil Nadu, India Lat: 8.000000° Long: 78.000000° Elevation: 2000.0000 m ASL 14/04/2021 10:00:00
Pudur Pandiyapuram	
 Thoothukudi, Tamil Nadu, India 🇮🇳 08.0.000000, Thoothukudi, Tamil Nadu, India Lat: 8.000000° Long: 78.000000° Elevation: 2000.0000 m ASL 14/04/2021 10:00:00	

GROUND WATER SAMPLING PHOTOGRAPHS

Project site	Kailasapuram
 Thoothukudi, Tamil Nadu, India 📍 10° 04' 20.00" N, 78° 02' 00.00" E Lat: 8.07222° Long: 78.03333° Date: 2023-07-04 10:04:20 AM GMT +05:30	 Ayyasolai, Tamil Nadu, India 📍 12° 04' 00.00" N, 78° 02' 00.00" E Lat: 12.06667° Long: 78.03333° Date: 2023-07-04 10:04:20 AM GMT +05:30
Vadaku Silukkanpatti	
 Vadaku Silukkanpatti, Tamil Nadu, India 📍 10° 04' 20.00" N, 78° 02' 00.00" E Lat: 8.07222° Long: 78.03333° Date: 2023-07-04 10:04:20 AM GMT +05:30	

SURFACE WATER SAMPLING PHOTOGRAPHS

Lake near korampallam



Lake near pudhur pandiyapuram



SIPCOT | State Industries Promotion Corporation of Tamil Nadu

sipcotweb.in.gov.in/Environment_clearance

Vallam Vadagal - I Kanchipuram		Aerospace Park Kanchipuram	
Vallam Vadagal - II Kanchipuram		Manaparai Tiruchengudi	
Tindivanam Viluppuram		Manallur Tiruvallur	
Thoothukudi - II Thoothukudi		Nemili Kanchipuram	

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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.

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 **Phone**
044-45261777

 **Email**

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2025

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

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EGMORE, CHENNAI - 600
008.

 **Phone**
044-45261777

 **Email**
tapals@sipcot.in

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01:52 PM 20-03-2026



SIPCOT

EC/Thoothukudi/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 Industrial Park at Therkuveerapandiyapuram & Meelavittan Villages,
Thoothukudi District - Submission of Half Yearly Compliance Report for
December 2025 (i.e., for the period of April 2025 to September 2025) -
Reg.

Ref: EC vide Letter No. SEIAA - TN/F. 7939/EC /8(b)/796/2022 dated:
02.02.2022

We hereby submit the Half Yearly Compliance Report for the Development of
Industrial Park at Therkuveerapandiyapuram Village of Ottapidaram & Meelavittan
village of Thoothukudi Taluk, Thoothukudi 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 Lakshmipathy Road, Post Box No.7223, Egmore, Chennai - 600 008.

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



**SIPCOT Industrial Park, Therkuveerapandiyapuram & Meelavittan Villages,
Thoothukudi - 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 10:52 PM

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

Cc: PO Tuticorin <potu@sipcot.in>

Bcc: Sowmya <sowmya@itcot.com>

Sir/Madam,

Ref: EC obtained from SEIAA vide Letter No. SEIAA – TN/F. 7939/EC /8(b)/796/2022 dated:
02.02.2022.

Please find attached the Half Yearly Environmental Clearance Compliance Report (Six Monthly Report) for December 2025 (i.e., for the period of April 2025 – September 2025) for "Development of Industrial Park at Therkuveerapandiyapuram Village of Ottapidaram & Meelavittan Village of Thoothukudi Taluk, Thoothukudi District, Tamil Nadu" along with supporting documents for your perusal and records.

--

Thanks & Regards,
Environment Cell,
SIPCOT



Thoothukudi HYC Dec 25.pdf

16764K



SIPCOT

EC/1/362198/2025/TU

Date: 29.09.2025

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

10yRPAD/

Sir,

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

Ref: SEIAA EC Letter No. SEIAA-TN/F. 7939/EC/8(b)/796/2022 dated 02.02.2022.

With reference to the above, we hereby submit the Environmental Statement in Form-V as prescribed under the Environmental (Protection) Rules, 1986 and its subsequent amendment in respect of SIPCOT Industrial Park at Therkuveerapandiyapuram and Meelavittan Villages in Thoothukudi Taluk, Thoothukudi District, Tamil Nadu for the Financial Year ending 31st March 2025.

Yours faithfully,

CONSULTANT (PROJECT MANAGEMENT)

End: As above.



State Industries Promotion Corporation of Tamil Nadu Limited

(A Government of Tamil Nadu Undertaking)

CIN : U74999TN1971SGC005967

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

Projects-III/Thoothukudi/EIA/2022/01

Date: 13.05.2022

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

/RPAD/

Sir,

Sub: SIPCOT - Development of Industrial Park at
Therkkuveerapandiyapuram Village in Ottapidaram Taluk and
Meelavittan Village in Thoothukudi Taluk, Thoothukudi District,
Tamil Nadu - Submission of copy of the Press Release on issue of
Environmental Clearance from SEIAA - Forwarded - Reg.

Ref: SEIAA EC Letter No. SEIAA-TN/F.7939/EC/8(b)/796/2022 dated:
02.02.2022.

With reference to the above, we have obtained Environmental Clearance
(EC) from SEIAA, TN. As per EC condition, the advertisement regarding issue of
Environment Clearance for Development of Industrial Park at
Therkkuveerapandiyapuram Village of Ottapidaram Taluk and Meelavittan Village
of Thoothukudi Taluk in Thoothukudi District over an extent of 466.503 Hectares
has been released in 'The New Indian Express' Tirunelveli edition dated
17.02.2022 in English language and 'Dinakaran' Nellai edition dated 17.02.2022
in Tamil Language.

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



Yours faithfully,
Sd/--
GENERAL MANAGER (P-III)

/Forwarded by Order/

Encl.: As above

ASSISTANT GENERAL MANAGER (P-III)

30/5/22
EC compared
o/c
Shel
13/5/22

Projects-III/Thoothukudi/EIA/2022/02

Date: 13.05.2022

The Deputy Director General of Forests (C),
Ministry of Environment, Forest and Climate Change,
Regional Office (SEZ), 1st and IIInd Floor,
Handloom Export Promotion Council, 34, Cathedral Garden Road,
Nungambakkam, Chennai - 600 034.

/RPAD/

Sir,

Sub: SIPCOT - Development of Industrial Park at
Therkkuveerapandiyapuram Village in Ottapidaram Taluk and
Meelavittan Village in Thoothukudi Taluk, Thoothukudi District,
Tamil Nadu - Submission of copy of the Press Release on issue of
Environmental Clearance from SEIAA - Forwarded - Reg.

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of Thoothukudi Taluk in Thoothukudi District over an extent of 466.503 Hectares
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17.02.2022 in English language and 'Dinakaran' Nellai edition dated 17.02.2022
in Tamil Language.

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



/Forwarded by Order/

Yours faithfully,
Sd/--
GENERAL MANAGER (P-III)

ASSISTANT GENERAL MANAGER (P-III)

Encl.: As above

Sir,
FC completed
o/c
skh
01/5/22

உள்ளாட்சிகளிலும் நம்ம ஆட்சி தொடர

**உதயகுரியன், மதச்சார்பற்ற கூட்டணி கட்சியின்
சின்னங்களுக்கும் வாக்களிக்க வேண்டும்**

முதல்வர் மு.க.ஸ்டாலின் வீடியோ வெளியீடு

சென்னை, பிப். 17: முதல்வர் மு.க.ஸ்டாலின் நேற்று வீடியோவில் தேர்தல் பிரசார செய்தி வெளியிட்டார். சமீப நேரங்களில் தமிழ்நாடு தான் என்பதை இந்தியாவிற்கே காட்டினோம். பட்டியலின, பழங்குடி மக்களின் கல்விக்கும், முன்னேற்றத்திற்கும் சிறப்பு திட்டங்களைக் கொண்டு வந்தோம். இல்லம் தேடி, கல்வி, இல்லம் தேடி மருத்துவம் என்று மக்களுக்கான திட்டங்களை நடைமுறைப்படுத்தி, அரசாங்கத்தோட அணுகுமுறையில் ஒரு புதிய மாற்றத்தைக் கொண்டு வந்திருக்கிறோம்.

திமுகவை: இந்துக்களுக்கு எதிரான கட்சி விட்டது. இது எவ்வளவு பெரிய சமூக அநீதி இந்த அநீதியை எதிர்த்துத் தான் நமது சட்டமன்றத்தில், நீடவேண்டாம் என்று சட்டத்திருத்தம் செய்தோம்.

அந்த சட்ட முன்வரைவை ஆளுநருக்கு அனுப்பி வைத்தால், ஆளுநர் அதை

—சச்சித்ரம்

**கேட்டு போராடுவது
மீ ஏற்கக்கூடியது அல்ல**

லாகும். உச்ச நீதிமன்றத்தில் உரிய ஆணை வழங்கிய பிறகும் முதல்வரிடம் நீதி கேட்டு போராடுவது எந்த வகையிலும் ஏற்கக் கூடியது அல்ல. இதை வன்மையாகக் கண்ட

நமக்கே திருப்பி அனுப்பு
நிறார். மக்களால் தேர்ந்
தெடுக்கப்பட்ட ஒரு
அரசாங்கம் கொண்டு
வரும் சட்டத்தை தடுக்க
வினைப்பது ஐனநாய
மாகத் தான் இருப்போம்
என்பதை இந்த உள்ளாட்
சித் தேர்தலின் முடிவு
அவர்களுக்கு காட்டும்.
மாநில உரிமைக்கும், தமிழ்
நாட்டின் வளர்ச்சிக்கும்

[illegible]

தமிழ்நாடு தொழில் முன்னேற்ற திருவணம்

செய்யுற்றுப் புகலா, தாழ்த்துந்நா:

சுற்றுலாபுரம் இளைசுவாணை

மாநில சுற்றுச்சூழல் தாக்க மதிப்பீட்டு ஆணையம், தமிழ்நாடு கடித எண் SEIAA-TN/F.7939/EC/8(b)/796/2022 தேதி 02.02.2022 மூலம் தாதுக்குடி மாவட்டத்திலுள்ள தெருகுளியாண்டியபுரம் (ஓட்டப்பயிர் மற்றும் தாதுக்கா) மற்றும் மீனாவிட்டான் (தாதுக்குடி தாதுக்கா) கிராமங்களில், சிப்காட் தொழிற்சூழிக் கூட அமைப்பதற்கான சுற்றுச்சூழல் இசைவுவணை வழங்கியுள்ளது.

இவ்விசைவாணையின் முழுவிலவரங்களை www.slpcotn.gov.in என்றும் சிப்காட் இணையதளத்திலும், மாநில மாக கட்டுப்பாடு வாரியம் மற்றும் மாநில சுற்றுச்சூழல் தாக்க மிதிப்பீட்டு ஆணையத்தின் இணையதளத்திலும் பெற்றுக் கொள்ளலாம். மேலும் இவ்விசைவாணையின் நகலினை சிப்காட் தலைமை அலுவலகத்திலோ அல்லது சிப்காட் அலுவலகத்திலோ பெற்றுக்கொள்ளலாம்.

செய்த நாள்: 07/03/2022

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மேலாளர்: இயக்குனர், சிப்காட்,
19-அ, முத்துமணி ஸ்டாடியம் சாலை,
மதுரை, தொலை. 400 006.



TAMILNADU SMALL INDUSTRIES DEVELOPMENT CORPORATION LIMITED

Regd. Office: TANSICO Corporate Office, Thin-VLKA Industrial Estate,
Guindy, Chennai - 600 032. Phone: 2250 1461 / 2250 1423. Fax: 2250 0792
E-Mail: hs.ajidoss@tansico.in, Website: www.tansico.in go.in





THE NEW
**INDIAN
EXPRESS**

TAMIL NADU

05

TIRUNELVELI

THURSDAY 17.02.2022



**STATE INDUSTRIES PROMOTION
CORPORATION OF TAMILNADU LIMITED (SIPCOT)**
INDUSTRIAL PARK AT THOOTHUKUDI



ENVIRONMENTAL CLEARANCE

Environmental Clearance has been obtained for the proposed establishment of SIPCOT Industrial Park at Therkuveerapandiapuram Village of Ottapidaram Taluk and Meelavittan Village of Thoothukudi Taluk, Thoothukudi District, Tamil Nadu from State Environment Impact Assessment Authority (SEIAA), Tamil Nadu vide Letter No.: **SEIAA-TNF.7939/EC/8(b)/796/2022** dated: **02.02.2022**.

The Environmental Clearance (EC) letter can be downloaded from SIPCOT website www.sipcot.tn.gov.in. The clearance letter is available with the State Pollution Control Board and also at website of SEIAA, TN. Further a copy of the EC shall be obtained from the Head Office/Project Office of SIPCOT.

DIPR/073/Display/2022

MANAGING DIRECTOR
SIPCOT, 19A, RUKMANI LAKSHMIPATHY
ROAD, EGNORE, CHENNAI - 600 005.

சென்னை ம. நகர அபிவிருத்தி கழகம், என்ஓர், 19ஏ ருக்மணி லக்ஷ்மிபாதி ரோடு, எக்னார், சென்னை - 600 005.



GOVERNMENT OF TAMIL NADU

HIGHWAYS DEPARTMENT

CONSTRUCTION & MAINTENANCE, SALEM CIRCLE
TENDER NOTICE

T.N. No. 23 / 2021-22 / HDO, Dated : 15.02.2022

For and on behalf of the Governor of Tamil Nadu,

NOTICE INVITING

e-Tender Notice No: KR-CO-INF

General Manager/Project/I, Konkan Railway
Two Packet Bid System through e-Tendering
the following work, Name of Work: Execution
Vehicle, Site Facilities & other Allied Works be
- 12.108 long chainage=4.1km of Khorda
E.Co.Railway. **Estimated Cost: ₹ 125,04,31**
21/02/2022. **Closing Date/Time: 07/03/2022**
months. **Manual Offers shall not be accepted**
details / participation & Corrigendum / Addendum.



**GOVERNMENT OF
LAKSHADWEEP
(DEPARTMENT OF
KAVARATTA)**

F.NO.42-18/2009—DHO (DP)

NOTICE INVITING

Department of Health Services U.T.
Kavaratti invites e-tender from the Indian
Loading and Unloading of drugs and
packages etc from Medical Store, Kavaratti
following work as detailed below.

Name of Work

PO/TUT/Phase - II /2022

dt: 14.3.2022.

The President,
Therkkuveerapandiapuram Village Panchayat,
Ottapidaram Taluk,
Thoothukudi District - 628002
Madam,

Sub: SIPCOT, Industiral Complex at Therkkuveerapandiapuram and
Meelavittan Villages, Thoothukudi District - Submission of copy
of Environmental Clearance issued by SEIAA - Reg.

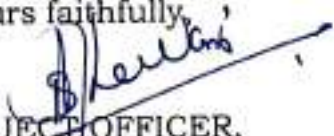
Ref: SIPCOT Lr.No. Projects - III/EC/ Thoothukudi 2022 dt: 4.3.2022.

We submit that we have been instructed to Hand over the copy of
Environmental Clearance issued by SEIAA for the proposed Development of
SIPCOT Industrial Park at Therkkuveerapandiapuram Village of Ottapidaram Taluk
and Meelavittan Village of Thoothukudi Taluk, Thoothukudi District Tamil Nadu
over an extent of 466.503 hectares (1152.26 acres).

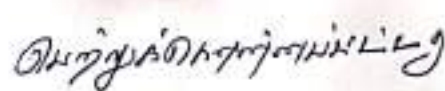
Therefore we herewith furnish the copy of the Environmental
Clearnace for your kind Perusal.

Thanking You,

Yours faithfully,


PROJECT OFFICER,
SIPCOT, TUTICORIN.

Encl : as above.


சு.மருகமணி
தலைவர்
ஊராட்சி மன்றம்
தெற்கு வீரபாண்டியபுரம்

PO/TUT/Phase - II /2022

dt: 14.3.2022.

The Commissioner,
Thoothukudi Municipal Corporation,
113 Palai Road,
Thoothukudi.
Madam,

Sub: SIPCOT, Industiral Complex at Therkkuveerapandiapuram and
Meelavittan Villages, Thoothukudi District – Submission of copy
of Environmental Clearance issued by SEIAA - Reg.

Ref: SIPCOT Lr.No. Projects – III/EC/ Thoothukudi 2022 dt: 4.3.2022.

&*&*&*&*&*&

We submit that we have been instructed to Hand over the copy of
Environmental Clearance issued by SEIAA for the proposed Development of
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and Meelavittan Village of Thoothukudi Taluk, Thoothukudi District Tamil Nadu
over an extent of 466.503 hectares (1152.26 acres).

Therefore we herewith furnish the copy of the Environmental
Clearnace for your kind Perusal.

Thanking You,

Yours faithfully,


PROJECT OFFICER,
SIPCOT, TUTICORIN.

Encl : as above.



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.

SIPCOT | State Industries Promotion Corporation of Tamil Nadu

Ask Gemini

sipcotweb.in.gov.in/Compliance_Report

Compliance Report - Thoothukudi for Dec 2025

Compliance Report - Nellikudi for Dec 2025

Compliance Report - Mambakkam for Dec 2025

Compliance Report - Marudhandapalli for Dec 2025

Compliance Report - Theni for Dec 2025

Compliance Report - Nedumpalli 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.

ENQUIRY NOW

Information

Disclaimer

Terms and conditions

Privacy Policy

Refund Policy

HyperLink Policy

Office Address

Address

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

Phone

044-45261777

Email

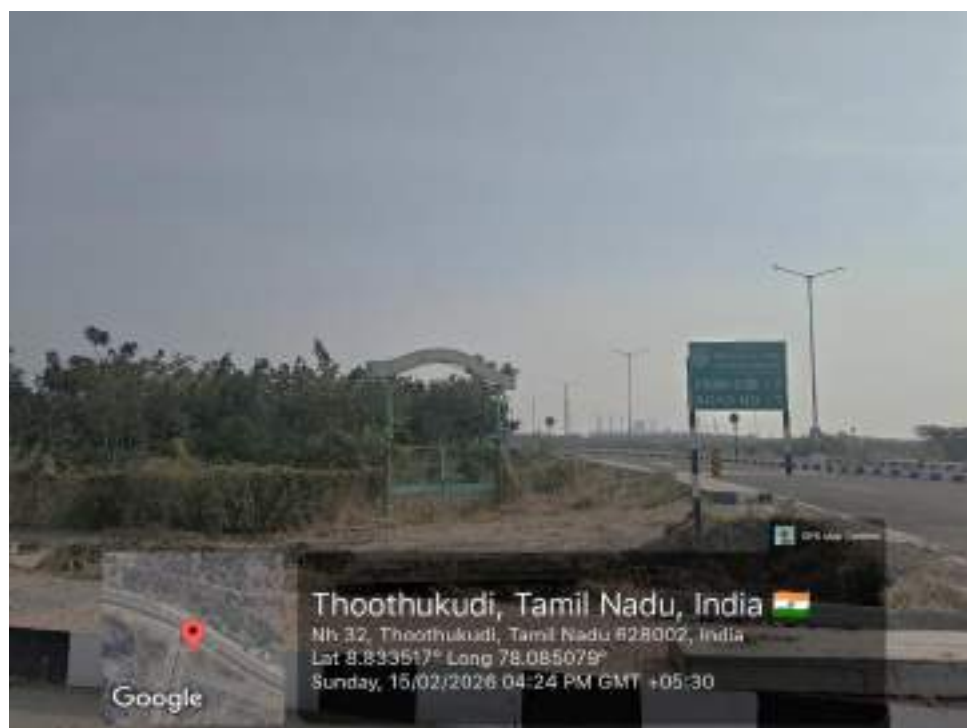
31°C Mostly sunny

Search

20-03-2026 01:55 PM

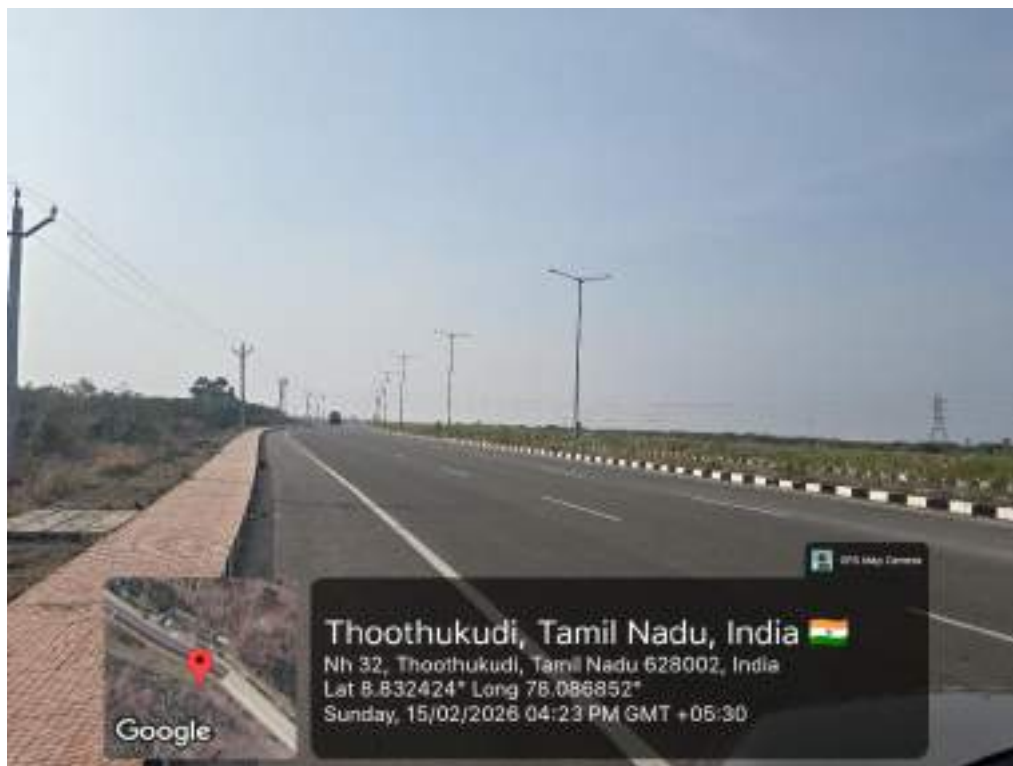
Photographs of Greenbelt

SIPCOT



Photographs of Storm drain

SIPCOT



Photographs of LED Lights

SIPCOT

